Detailed Measurement Sheet

Name of Work : Modified Estimate For The Work of Improvements to Drain and Asphalting to Abbigere Area & Shettyhalli Area in Ward No. 12 Shettyhalli Sub Division (2-Works) Package No. DZ 2017-18-(01) (Improvements to Roads and Asphalting to Abbigere area Forest Road and Shettyhalli area, Raghavendra Layout Main Road in Ward no.12 Shettyhalli Sub Division

Name of Agency :- M.S.Venkatesh

Est Cost : Rs. 250.00 Lakhs

Job Code No:012-18-000015 and 012-18-000016.

Work Order No: EE/DD/WO/301/2018-19 Dated:02-02-2019

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
Measurement Recorded on:							
1	Removing B.S. slab of Drain and stacking.(page No 25., I.no.5.32 of KPWD S.R 2016-17)						
				Total		0.00	
				Limit		0.00	Sqm
Measurement Recorded on: 01.09.2019							
2	Earthwork excavation by manulal means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / chapter 3 (P-141/19.1)						
	Ragavendra Layout Main Road						
	Water Supply and Sanatory road Cutting						
	0-15	2	15.00	1.20	0.40	14.40	
	15-30	2	15.00	1.20	0.40	14.40	
	30-45	2	15.00	1.20	0.40	14.40	
	45-60	2	15.00	1.20	0.40	14.40	
	60-75	2	15.00	1.20	0.40	14.40	
	75-90	2	15.00	1.20	0.40	14.40	

Contractor

Tech Consultants & Engineers Bangalore

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	90-105	2	15.00	1.20	0.40	14.40	
	105-120	2	15.00	1.20	0.40	14.40	
	120-135	2	15.00	1.20	0.40	14.40	
	135-150	2	15.00	1.20	0.40	14.40	
	150-165	2	15.00	1.20	0.40	14.40	
	165-180	2	15.00	1.20	0.40	14.40	
	180-195	2	15.00	1.20	0.40	14.40	
	195-210	2	15.00	1.20	0.40	14.40	
	210-225	2	15.00	1.20	0.40	14.40	
	225-240	2	15.00	1.20	0.40	14.40	
	240-255	2	15.00	1.20	0.40	14.40	
	255-270	2	15.00	1.20	0.40	14.40	
	270-285	2	15.00	1.20	0.40	14.40	
	285-300	2	15.00	1.20	0.40	14.40	
	300-315	2	15.00	1.20	0.40	14.40	
	315-330	2	15.00	1.20	0.40	14.40	
	330-345	2	15.00	1.20	0.40	14.40	
	345-360	2	15.00	1.20	0.40	14.40	
	360-375	2	15.00	1.20	0.40	14.40	
	375-390	2	15.00	1.20	0.40	14.40	
	390-405	2	15.00	1.20	0.40	14.40	
	405-420	2	15.00	1.20	0.40	14.40	
	420-435	2	15.00	1.20	0.40	14.40	
	435-450	2	15.00	1.20	0.40	14.40	
	450-465	2	15.00	1.20	0.40	14.40	
	465-480	2	15.00	1.20	0.40	14.40	
	480-495	2	15.00	1.20	0.40	14.40	
	495-510	2	15.00	1.20	0.40	14.40	
	510-525	2	15.00	1.20	0.40	14.40	
	525-540	2	15.00	1.20	0.40	14.40	
	540-555	2	15.00	1.20	0.40	14.40	
	555-570	2	15.00	1.20	0.40	14.40	
	570-585	2	15.00	1.20	0.40	14.40	

Contractor

Civil-Tech Consultants & Engineers Bangalore

Asst Engineer

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Asst Executive Engineer

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	585-600	2	15.00	1.20	0.40	14.40	
	600-615	2	15.00	1.20	0.40	14.40	
	615-630	2	15.00	1.20	0.40	14.40	
	630-645	2	15.00	1.20	0.40	14.40	
	645-660	2	15.00	1.20	0.40	14.40	
	660-675	2	15.00	1.20	0.40	14.40	
	675-690	2	15.00	1.20	0.40	14.40	
	690-705	2	15.00	1.20	0.40	14.40	
	705-720	2	15.00	1.20	0.40	14.40	
	720-735	2	15.00	1.20	0.40	14.40	
	735-750	2	15.00	1.20	0.40	14.40	
	750-765	2	15.00	1.20	0.40	14.40	
	765-780	2	15.00	1.20	0.40	14.40	
	780-795	2	15.00	1.20	0.40	14.40	
	795-810	2	15.00	1.20	0.40	14.40	
	810-825	2	15.00	1.20	0.40	14.40	
	825-840	2	15.00	1.20	0.40	14.40	
	840-855	2	15.00	1.20	0.40	14.40	
	855-870	2	15.00	1.20	0.40	14.40	
	870-885	2	15.00	1.20	0.40	14.40	
	885-900	2	15.00	1.20	0.40	14.40	
	900-915	2	15.00	1.20	0.40	14.40	
	915-930	2	15.00	1.20	0.40	14.40	
	930-945	2	15.00	1.20	0.40	14.40	
	945-960	2	15.00	1.20	0.40	14.40	
	960-975	2	15.00	1.20	0.40	14.40	
	975-990	2	15.00	1.20	0.40	14.40	
	990-1005	2	15.00	1.20	0.40	14.40	
	1005-1020	2	15.00	1.20	0.40	14.40	
	1020-1035	2	15.00	1.20	0.40	14.40	
	1035-1050	2	15.00	1.20	0.40	14.40	
	1050-1065	2	15.00	1.20	0.40	14.40	
	Cross Road (Mud Road)						

Contractor

Civil Tech Consultants & Engineers Belgaum

Asst Engineer

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Asst Executive Engineer
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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	0-15	1	15.00	(7.0+5.6)/2	0.15	14.18	
	15-30	1	15.00	(5.6+5.3)/2	0.15	12.26	
	30-45	1	15.00	(5.3+5.2)/2	0.15	11.81	
	45-60	1	15.00	(5.2+5.0)/2	0.15	11.48	
	60-75	1	15.00	(5.0+5.5)/2	0.15	11.81	
	75-90	1	15.00	(5.5+5.8)/2	0.15	12.71	
	90-105	1	15.00	(5.8+5.4)/2	0.15	12.60	
	105-120	1	15.00	(5.4+5.3)/2	0.15	12.04	
	120-139	1	19.00	(5.3+7.5)/2	0.15	18.24	
	Forest Road						
	Water Supply and Sanatory road Cutting						
	0-15	2	15.00	1.20	0.40	14.40	
	15-30	2	15.00	1.20	0.40	14.40	
	30-60	2	30.00	1.20	0.40	28.80	
	60-90	2	30.00	1.20	0.40	28.80	
	90-120	2	30.00	1.20	0.40	28.80	
	120-150	2	30.00	1.20	0.40	28.80	
	150-180	2	30.00	1.20	0.40	28.80	
	180-210	2	30.00	1.20	0.40	28.80	
	210-240	2	30.00	1.20	0.40	28.80	
	240-270	2	30.00	1.20	0.40	28.80	
	270-300	2	30.00	1.20	0.40	28.80	
	300-330	2	30.00	1.20	0.40	28.80	
	330-360	2	30.00	1.20	0.40	28.80	
	360-390	2	30.00	1.20	0.40	28.80	
	390-420	2	30.00	1.20	0.40	28.80	
	420-450	2	30.00	1.20	0.40	28.80	
	450-480	2	30.00	1.20	0.40	28.80	
	480-510	2	30.00	1.20	0.40	28.80	
	510-540	2	30.00	1.20	0.40	28.80	
	540-570	2	30.00	1.20	0.40	28.80	
	570-600	2	30.00	1.20	0.40	28.80	
	600-630	2	30.00	1.20	0.40	28.80	

Contractor

Civil Tech Consultants & Engineers Banguru

01/07/2019

E.E. (D.D.)

Asst Engineer

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Asst Executive Engineer
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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	630-660	2	30.00	1.20	0.40	28.80	
	660-690	2	30.00	1.20	0.40	28.80	
	690-720	2	30.00	1.20	0.40	28.80	
	720-750	2	30.00	1.20	0.40	28.80	
	750-780	2	30.00	1.20	0.40	28.80	
	780-810	2	30.00	1.20	0.40	28.80	
	810-840	2	30.00	1.20	0.40	28.80	
	840-870	2	30.00	1.20	0.40	28.80	
	870-900	2	30.00	1.20	0.40	28.80	
	900-930	2	30.00	1.20	0.40	28.80	
	930-960	2	30.00	1.20	0.40	28.80	
	960-990	2	30.00	1.20	0.40	28.80	
	990-1020	2	30.00	1.20	0.40	28.80	
	1020-1050	2	30.00	1.20	0.40	28.80	
	1050-1080	2	30.00	1.20	0.40	28.80	
	1080-1110	2	30.00	1.20	0.40	28.80	
	1110-1140	2	30.00	1.20	0.40	28.80	
	1140-1170	2	30.00	1.20	0.40	28.80	
	1170-1200	2	30.00	1.20	0.40	28.80	
	1200-1230	2	30.00	1.20	0.40	28.80	
	1230-1260	2	30.00	1.20	0.40	28.80	
	1260-1290	2	30.00	1.20	0.40	28.80	
	1290-1303	2	13.00	1.20	0.40	12.48	
	Widening Both Sides						
	0-15	2	15.00	1.00	0.30	9.00	
	15-30	2	15.00	1.00	0.30	9.00	
	30-60	2	30.00	1.00	0.30	18.00	
	60-90	2	30.00	1.00	0.30	18.00	
	90-120	2	30.00	1.00	0.30	18.00	
	120-150	2	30.00	1.00	0.30	18.00	
	150-180	2	30.00	1.00	0.30	18.00	
	180-210	2	30.00	1.00	0.30	18.00	
	210-240	2	30.00	1.00	0.30	18.00	

Contractor

Civil-Tech Consultants & Engineers Bangalore

Asst Engineer

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	240-270	2	30.00	1.00	0.30	18.00	
	270-300	2	30.00	1.00	0.30	18.00	
	300-330	2	30.00	1.00	0.30	18.00	
	330-360	2	30.00	1.00	0.30	18.00	
	360-390	2	30.00	1.00	0.30	18.00	
	390-420	2	30.00	1.00	0.30	18.00	
	420-450	2	30.00	1.00	0.30	18.00	
	450-480	2	30.00	1.00	0.30	18.00	
	480-510	2	30.00	1.00	0.30	18.00	
	510-540	2	30.00	1.00	0.30	18.00	
	540-570	2	30.00	1.00	0.30	18.00	
	570-600	2	30.00	1.00	0.30	18.00	
	600-630	2	30.00	1.00	0.30	18.00	
	630-660	2	30.00	1.00	0.30	18.00	
	660-690	2	30.00	1.00	0.30	18.00	
	690-720	2	30.00	1.00	0.30	18.00	
	720-750	2	30.00	1.00	0.30	18.00	
	750-780	2	30.00	1.00	0.30	18.00	
	780-810	2	30.00	1.00	0.30	18.00	
	810-840	2	30.00	1.00	0.30	18.00	
	840-870	2	30.00	1.00	0.30	18.00	
	870-900	2	30.00	1.00	0.30	18.00	
	900-930	2	30.00	1.00	0.30	18.00	
	930-960	2	30.00	1.00	0.30	18.00	
	960-990	2	30.00	1.00	0.30	18.00	
	990-1020	2	30.00	1.00	0.30	18.00	
	1020-1050	2	30.00	1.00	0.30	18.00	
	1050-1080	2	30.00	1.00	0.30	18.00	
	1080-1110	2	30.00	1.00	0.30	18.00	
	1110-1140	2	30.00	1.00	0.30	18.00	
	1140-1170	2	30.00	1.00	0.30	18.00	
	1170-1200	2	30.00	1.00	0.30	18.00	
	1200-1230	2	30.00	1.00	0.30	18.00	

E.E. (D.D.)

Contractor

Civil Tech Consultants & Engineers Bangalore

Asst Engineer

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Asst Executive Engineer

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	1230-1260	2	30.00	1.00	0.30	18.00	
	1260-1290	2	30.00	1.00	0.30	18.00	
	1290-1303	2	13.00	1.00	0.30	7.80	
					Total	3172.21	
					Limit	2667.30	Cum

Measurement Recorded on: 04.09.2019

3	**KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3**						
	Ragavendra Layout Main Road						
	Water Supply and Sanatory road Cutting						
	0-15	2	15.00	1.20		36.00	
	15-30	2	15.00	1.20		36.00	
	30-45	2	15.00	1.20		36.00	
	45-60	2	15.00	1.20		36.00	
	60-75	2	15.00	1.20		36.00	
	75-90	2	15.00	1.20		36.00	
	90-105	2	15.00	1.20		36.00	
	105-120	2	15.00	1.20		36.00	
	120-135	2	15.00	1.20		36.00	
	135-150	2	15.00	1.20		36.00	
	150-165	2	15.00	1.20		36.00	
	165-180	2	15.00	1.20		36.00	
	180-195	2	15.00	1.20		36.00	
	195-210	2	15.00	1.20		36.00	
	210-225	2	15.00	1.20		36.00	
	225-240	2	15.00	1.20		36.00	
	240-255	2	15.00	1.20		36.00	
	255-270	2	15.00	1.20		36.00	
	270-285	2	15.00	1.20		36.00	
	285-300	2	15.00	1.20		36.00	

Contractor

Asst Engineer

Asst Executive Engineer

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	300-315	2	15.00	1.20		36.00	
	315-330	2	15.00	1.20		36.00	
	330-345	2	15.00	1.20		36.00	
	345-360	2	15.00	1.20		36.00	
	360-375	2	15.00	1.20		36.00	
	375-390	2	15.00	1.20		36.00	
	390-405	2	15.00	1.20		36.00	
	405-420	2	15.00	1.20		36.00	
	420-435	2	15.00	1.20		36.00	
	435-450	2	15.00	1.20		36.00	
	450-465	2	15.00	1.20		36.00	
	465-480	2	15.00	1.20		36.00	
	480-495	2	15.00	1.20		36.00	
	495-510	2	15.00	1.20		36.00	
	510-525	2	15.00	1.20		36.00	
	525-540	2	15.00	1.20		36.00	
	540-555	2	15.00	1.20		36.00	
	555-570	2	15.00	1.20		36.00	
	570-585	2	15.00	1.20		36.00	
	585-600	2	15.00	1.20		36.00	
	600-615	2	15.00	1.20		36.00	
	615-630	2	15.00	1.20		36.00	
	630-645	2	15.00	1.20		36.00	
	645-660	2	15.00	1.20		36.00	
	660-675	2	15.00	1.20		36.00	
	675-690	2	15.00	1.20		36.00	
	690-705	2	15.00	1.20		36.00	
	705-720	2	15.00	1.20		36.00	
	720-735	2	15.00	1.20		36.00	
	735-750	2	15.00	1.20		36.00	
	750-765	2	15.00	1.20		36.00	
	765-780	2	15.00	1.20		36.00	
	780-795	2	15.00	1.20		36.00	

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	795-810	2	15.00	1.20		36.00	
	810-825	2	15.00	1.20		36.00	
	825-840	2	15.00	1.20		36.00	
	840-855	2	15.00	1.20		36.00	
	855-870	2	15.00	1.20		36.00	
	870-885	2	15.00	1.20		36.00	
	885-900	2	15.00	1.20		36.00	
	900-915	2	15.00	1.20		36.00	
	915-930	2	15.00	1.20		36.00	
	930-945	2	15.00	1.20		36.00	
	945-960	2	15.00	1.20		36.00	
	960-975	2	15.00	1.20		36.00	
	975-990	2	15.00	1.20		36.00	
	990-1005	2	15.00	1.20		36.00	
	1005-1020	2	15.00	1.20		36.00	
	1020-1035	2	15.00	1.20		36.00	
	1035-1050	2	15.00	1.20		36.00	
	1050-1065	2	15.00	1.20		36.00	
	Cross Road (Mud Road)						
	0-15	1	15.00	(7.0+5.6)/2		94.50	
	15-30	1	15.00	(5.6+5.3)/2		81.75	
	30-45	1	15.00	(5.3+5.2)/2		78.75	
	45-60	1	15.00	(5.2+5.0)/2		76.50	
	60-75	1	15.00	(5.0+5.5)/2		78.75	
	75-90	1	15.00	(5.5+5.8)/2		84.75	
	90-105	1	15.00	(5.8+5.4)/2		84.00	
	105-120	1	15.00	(5.4+5.3)/2		80.25	
	120-139	1	19.00	(5.3+7.5)/2		121.60	
	Forest Road						
	Water Supply and Sanatory road Cutting						
	0-15	2	15.00	1.20		36.00	
	15-30	2	15.00	1.20		36.00	
	30-60	2	30.00	1.20		72.00	

Contractor

Civil Tech Consultants & Engineers Belgaum

Asst Engineer

Asst Executive Engineer

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...Asphalting to Abbigere area and
...rovements to

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	60-90	2	30.00	1.20		72.00	
	90-120	2	30.00	1.20		72.00	
	120-150	2	30.00	1.20		72.00	
	150-180	2	30.00	1.20		72.00	
	180-210	2	30.00	1.20		72.00	
	210-240	2	30.00	1.20		72.00	
	240-270	2	30.00	1.20		72.00	
	270-300	2	30.00	1.20		72.00	
	300-330	2	30.00	1.20		72.00	
	330-360	2	30.00	1.20		72.00	
	360-390	2	30.00	1.20		72.00	
	390-420	2	30.00	1.20		72.00	
	420-450	2	30.00	1.20		72.00	
	450-480	2	30.00	1.20		72.00	
	480-510	2	30.00	1.20		72.00	
	510-540	2	30.00	1.20		72.00	
	540-570	2	30.00	1.20		72.00	
	570-600	2	30.00	1.20		72.00	
	600-630	2	30.00	1.20		72.00	
	630-660	2	30.00	1.20		72.00	
	660-690	2	30.00	1.20		72.00	
	690-720	2	30.00	1.20		72.00	
	720-750	2	30.00	1.20		72.00	
	750-780	2	30.00	1.20		72.00	
	780-810	2	30.00	1.20		72.00	
	810-840	2	30.00	1.20		72.00	
	840-870	2	30.00	1.20		72.00	
	870-900	2	30.00	1.20		72.00	
	900-930	2	30.00	1.20		72.00	
	930-960	2	30.00	1.20		72.00	
	960-990	2	30.00	1.20		72.00	
	990-1020	2	30.00	1.20		72.00	
	1020-1050	2	30.00	1.20		72.00	

Contractor

Civil Tech Consultants & Engineers Bangalore

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	1050-1080	2	30.00	1.20		72.00	
	1080-1110	2	30.00	1.20		72.00	
	1110-1140	2	30.00	1.20		72.00	
	1140-1170	2	30.00	1.20		72.00	
	1170-1200	2	30.00	1.20		72.00	
	1200-1230	2	30.00	1.20		72.00	
	1230-1260	2	30.00	1.20		72.00	
	1260-1290	2	30.00	1.20		72.00	
	1290-1303	2	13.00	1.20		31.20	
	Widening Both Sides						
	0-15	2	15.00	1.00		30.00	
	15-30	2	15.00	1.00		30.00	
	30-60	2	30.00	1.00		60.00	
	60-90	2	30.00	1.00		60.00	
	90-120	2	30.00	1.00		60.00	
	120-150	2	30.00	1.00		60.00	
	150-180	2	30.00	1.00		60.00	
	180-210	2	30.00	1.00		60.00	
	210-240	2	30.00	1.00		60.00	
	240-270	2	30.00	1.00		60.00	
	270-300	2	30.00	1.00		60.00	
	300-330	2	30.00	1.00		60.00	
	330-360	2	30.00	1.00		60.00	
	360-390	2	30.00	1.00		60.00	
	390-420	2	30.00	1.00		60.00	
	420-450	2	30.00	1.00		60.00	
	450-480	2	30.00	1.00		60.00	
	480-510	2	30.00	1.00		60.00	
	510-540	2	30.00	1.00		60.00	
	540-570	2	30.00	1.00		60.00	
	570-600	2	30.00	1.00		60.00	
	600-630	2	30.00	1.00		60.00	
	630-660	2	30.00	1.00		60.00	

Contractor

Civil-Tech Consultants & Engineers Bangalore

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	660-690	2	30.00	1.00		60.00	
	690-720	2	30.00	1.00		60.00	
	720-750	2	30.00	1.00		60.00	
	750-780	2	30.00	1.00		60.00	
	780-810	2	30.00	1.00		60.00	
	810-840	2	30.00	1.00		60.00	
	840-870	2	30.00	1.00		60.00	
	870-900	2	30.00	1.00		60.00	
	900-930	2	30.00	1.00		60.00	
	930-960	2	30.00	1.00		60.00	
	960-990	2	30.00	1.00		60.00	
	990-1020	2	30.00	1.00		60.00	
	1020-1050	2	30.00	1.00		60.00	
	1050-1080	2	30.00	1.00		60.00	
	1080-1110	2	30.00	1.00		60.00	
	1110-1140	2	30.00	1.00		60.00	
	1140-1170	2	30.00	1.00		60.00	
	1170-1200	2	30.00	1.00		60.00	
	1200-1230	2	30.00	1.00		60.00	
	1230-1260	2	30.00	1.00		60.00	
	1260-1290	2	30.00	1.00		60.00	
	1290-1303	2	13.00	1.00		26.00	
					Total	**9070.05**	
					BOQ QTY	**1052.90**	**Sqm**
					UP TO 125% QTY	**263.23**	**Sqm**
					ABOVE 125% QTY LIMIT	**7684.28**	**Sqm**
					Limit	**9000.40**	**Sqm**

Measurement Recorded on:

Contractor

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:09.09.2019						
5	**KSRRB M400-6.1. Construction of granular sub-base Grading-V as Sub-base and Drainage Layer By providing Coarse graded Crushed stone aggregates of granite/trap/basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete as per specifications. clause 401 of Morth V revision (Page No.153., I. No.20.5.)**						
	Ragavendra Layout Main Road						
	Water Supply and Sanatory road Cutting						
	0-15	2	15.00	1.20	0.15	5.40	
	15-30	2	15.00	1.20	0.15	5.40	
	30-45	2	15.00	1.20	0.15	5.40	
	45-60	2	15.00	1.20	0.15	5.40	
	60-75	2	15.00	1.20	0.15	5.40	
	75-90	2	15.00	1.20	0.15	5.40	
	90-105	2	15.00	1.20	0.15	5.40	
	105-120	2	15.00	1.20	0.15	5.40	
	120-135	2	15.00	1.20	0.15	5.40	
	135-150	2	15.00	1.20	0.15	5.40	
	150-165	2	15.00	1.20	0.15	5.40	
	165-180	2	15.00	1.20	0.15	5.40	
	180-195	2	15.00	1.20	0.15	5.40	
	195-210	2	15.00	1.20	0.15	5.40	
	210-225	2	15.00	1.20	0.15	5.40	
	225-240	2	15.00	1.20	0.15	5.40	
	240-255	2	15.00	1.20	0.15	5.40	
	255-270	2	15.00	1.20	0.15	5.40	
	270-285	2	15.00	1.20	0.15	5.40	
	285-300	2	15.00	1.20	0.15	5.40	
	300-315	2	15.00	1.20	0.15	5.40	
	315-330	2	15.00	1.20	0.15	5.40	
	330-345	2	15.00	1.20	0.15	5.40	
	345-360	2	15.00	1.20	0.15	5.40	

Asst Engineer

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Asst Executive Engineer
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Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	360-375	2	15.00	1.20	0.15	5.40	
	375-390	2	15.00	1.20	0.15	5.40	
	390-405	2	15.00	1.20	0.15	5.40	
	405-420	2	15.00	1.20	0.15	5.40	
	420-435	2	15.00	1.20	0.15	5.40	
	435-450	2	15.00	1.20	0.15	5.40	
	450-465	2	15.00	1.20	0.15	5.40	
	465-480	2	15.00	1.20	0.15	5.40	
	480-495	2	15.00	1.20	0.15	5.40	
	495-510	2	15.00	1.20	0.15	5.40	
	510-525	2	15.00	1.20	0.15	5.40	
	525-540	2	15.00	1.20	0.15	5.40	
	540-555	2	15.00	1.20	0.15	5.40	
	555-570	2	15.00	1.20	0.15	5.40	
	570-585	2	15.00	1.20	0.15	5.40	
	585-600	2	15.00	1.20	0.15	5.40	
	600-615	2	15.00	1.20	0.15	5.40	
	615-630	2	15.00	1.20	0.15	5.40	
	630-645	2	15.00	1.20	0.15	5.40	
	645-660	2	15.00	1.20	0.15	5.40	
	660-675	2	15.00	1.20	0.15	5.40	
	675-690	2	15.00	1.20	0.15	5.40	
	690-705	2	15.00	1.20	0.15	5.40	
	705-720	2	15.00	1.20	0.15	5.40	
	720-735	2	15.00	1.20	0.15	5.40	
	735-750	2	15.00	1.20	0.15	5.40	
	750-765	2	15.00	1.20	0.15	5.40	
	765-780	2	15.00	1.20	0.15	5.40	
	780-795	2	15.00	1.20	0.15	5.40	
	795-810	2	15.00	1.20	0.15	5.40	
	810-825	2	15.00	1.20	0.15	5.40	
	825-840	2	15.00	1.20	0.15	5.40	
	840-855	2	15.00	1.20	0.15	5.40	

E.E. (D.D.)

Asst Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	855-870	2	15.00	1.20	0.15	5.40	
	870-885	2	15.00	1.20	0.15	5.40	
	885-900	2	15.00	1.20	0.15	5.40	
	900-915	2	15.00	1.20	0.15	5.40	
	915-930	2	15.00	1.20	0.15	5.40	
	930-945	2	15.00	1.20	0.15	5.40	
	945-960	2	15.00	1.20	0.15	5.40	
	960-975	2	15.00	1.20	0.15	5.40	
	975-990	2	15.00	1.20	0.15	5.40	
	990-1005	2	15.00	1.20	0.15	5.40	
	1005-1020	2	15.00	1.20	0.15	5.40	
	1020-1035	2	15.00	1.20	0.15	5.40	
	1035-1050	2	15.00	1.20	0.15	5.40	
	1050-1065	2	15.00	1.20	0.15	5.40	
	Forest Road						
	Water Supply and Sanatory road Cutting						
	0-15	2	15.00	1.20	0.15	5.40	
	15-30	2	15.00	1.20	0.15	5.40	
	30-60	2	30.00	1.20	0.15	10.80	
	60-90	2	30.00	1.20	0.15	10.80	
	90-120	2	30.00	1.20	0.15	10.80	
	120-150	2	30.00	1.20	0.15	10.80	
	150-180	2	30.00	1.20	0.15	10.80	
	180-210	2	30.00	1.20	0.15	10.80	
	210-240	2	30.00	1.20	0.15	10.80	
	240-270	2	30.00	1.20	0.15	10.80	
	270-300	2	30.00	1.20	0.15	10.80	
	300-330	2	30.00	1.20	0.15	10.80	
	330-360	2	30.00	1.20	0.15	10.80	
	360-390	2	30.00	1.20	0.15	10.80	
	390-420	2	30.00	1.20	0.15	10.80	
	420-450	2	30.00	1.20	0.15	10.80	
	450-480	2	30.00	1.20	0.15	10.80	

E.E. (D.D.)

Contractor

Civil Tech Consultants & Engineers Banguru

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	480-510	2	30.00	1.20	0.15	10.80	
	510-540	2	30.00	1.20	0.15	10.80	
	540-570	2	30.00	1.20	0.15	10.80	
	570-600	2	30.00	1.20	0.15	10.80	
	600-630	2	30.00	1.20	0.15	10.80	
	630-660	2	30.00	1.20	0.15	10.80	
	660-690	2	30.00	1.20	0.15	10.80	
	690-720	2	30.00	1.20	0.15	10.80	
	720-750	2	30.00	1.20	0.15	10.80	
	750-780	2	30.00	1.20	0.15	10.80	
	780-810	2	30.00	1.20	0.15	10.80	
	810-840	2	30.00	1.20	0.15	10.80	
	840-870	2	30.00	1.20	0.15	10.80	
	870-900	2	30.00	1.20	0.15	10.80	
	900-930	2	30.00	1.20	0.15	10.80	
	930-960	2	30.00	1.20	0.15	10.80	
	960-990	2	30.00	1.20	0.15	10.80	
	990-1020	2	30.00	1.20	0.15	10.80	
	1020-1050	2	30.00	1.20	0.15	10.80	
	1050-1080	2	30.00	1.20	0.15	10.80	
	1080-1110	2	30.00	1.20	0.15	10.80	
	1110-1140	2	30.00	1.20	0.15	10.80	
	1140-1170	2	30.00	1.20	0.15	10.80	
	1170-1200	2	30.00	1.20	0.15	10.80	
	1200-1230	2	30.00	1.20	0.15	10.80	
	1230-1260	2	30.00	1.20	0.15	10.80	
	1260-1290	2	30.00	1.20	0.15	10.80	
	1290-1303	2	13.00	1.20	0.15	4.68	
	Widining Both Sides						
	0-15	2	15.00	1.00	0.15	4.50	
	15-30	2	15.00	1.00	0.15	4.50	
	30-60	2	30.00	1.00	0.15	9.00	
	60-90	2	30.00	1.00	0.15	9.00	

9/01/2019

Contractor

Civil-Tech Consultants & Engineers Bangalore

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	90-120	2	30.00	1.00	0.15	9.00	
	120-150	2	30.00	1.00	0.15	9.00	
	150-180	2	30.00	1.00	0.15	9.00	
	180-210	2	30.00	1.00	0.15	9.00	
	210-240	2	30.00	1.00	0.15	9.00	
	240-270	2	30.00	1.00	0.15	9.00	
	270-300	2	30.00	1.00	0.15	9.00	
	300-330	2	30.00	1.00	0.15	9.00	
	330-360	2	30.00	1.00	0.15	9.00	
	360-390	2	30.00	1.00	0.15	9.00	
	390-420	2	30.00	1.00	0.15	9.00	
	420-450	2	30.00	1.00	0.15	9.00	
	450-480	2	30.00	1.00	0.15	9.00	
	480-510	2	30.00	1.00	0.15	9.00	
	510-540	2	30.00	1.00	0.15	9.00	
	540-570	2	30.00	1.00	0.15	9.00	
	570-600	2	30.00	1.00	0.15	9.00	
	600-630	2	30.00	1.00	0.15	9.00	
	630-660	2	30.00	1.00	0.15	9.00	
	660-690	2	30.00	1.00	0.15	9.00	
	690-720	2	30.00	1.00	0.15	9.00	
	720-750	2	30.00	1.00	0.15	9.00	
	750-780	2	30.00	1.00	0.15	9.00	

Civil-Tech Consultants & Engineers Banguore

Contractor

Civil-Tech Consultants & Engineers Banguore

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	780-810	2	30.00	1.00	0.15	9.00	
	810-840	2	30.00	1.00	0.15	9.00	
	840-870	2	30.00	1.00	0.15	9.00	
	870-900	2	30.00	1.00	0.15	9.00	
	900-930	2	30.00	1.00	0.15	9.00	
	930-960	2	30.00	1.00	0.15	9.00	
	960-990	2	30.00	1.00	0.15	9.00	
	990-1020	2	30.00	1.00	0.15	9.00	
	1020-1050	2	30.00	1.00	0.15	9.00	
	1050-1080	2	30.00	1.00	0.15	9.00	
	1080-1110	2	30.00	1.00	0.15	9.00	
	1110-1140	2	30.00	1.00	0.15	9.00	
	1140-1170	2	30.00	1.00	0.15	9.00	
	1170-1200	2	30.00	1.00	0.15	9.00	
	1200-1230	2	30.00	1.00	0.15	9.00	
	1230-1260	2	30.00	1.00	0.15	9.00	
	1260-1290	2	30.00	1.00	0.15	9.00	
	1290-1303	2	13.00	1.00	0.15	3.90	
					Total	**1243.38**	
					Limit	**1230.36**	**Sqm**

Measurement Recorded on: 14.09.2019

6	**Providing, laying, spreading and compacting Cushed stones aggregate of granite/trap/basalt to Wet Mix Macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mix method of tipper to site,Laying in uniform layers with paver in subbase/base course on the well prepared surface and compacting with vibratory rollers to achive the desired density complete as per MORTH specification No. 406.etc with all lead and lifts and as per directions of the Engineer-in-charge(Item No: 20.18, Page No:157 of KPWD S.R2016-17)**						
	Ragavendra Layout Main Road						
	Water Supply and Sanatory road Cutting						
	0-15	2	15.00	1.20	0.23	8.28	

ontractor

Civil Tech Consultants & Engineers Bengaluru

Asst Engineer

Asst Executive Engineer
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Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	15-30	2	15.00	1.20	0.23	8.28	
	30-45	2	15.00	1.20	0.23	8.28	
	45-60	2	15.00	1.20	0.23	8.28	
	60-75	2	15.00	1.20	0.23	8.28	
	75-90	2	15.00	1.20	0.23	8.28	
	90-105	2	15.00	1.20	0.23	8.28	
	105-120	2	15.00	1.20	0.23	8.28	
	120-135	2	15.00	1.20	0.23	8.28	
	135-150	2	15.00	1.20	0.23	8.28	
	150-165	2	15.00	1.20	0.23	8.28	
	165-180	2	15.00	1.20	0.23	8.28	
	180-195	2	15.00	1.20	0.23	8.28	
	195-210	2	15.00	1.20	0.23	8.28	
	210-225	2	15.00	1.20	0.23	8.28	
	225-240	2	15.00	1.20	0.23	8.28	
	240-255	2	15.00	1.20	0.23	8.28	
	255-270	2	15.00	1.20	0.23	8.28	
	270-285	2	15.00	1.20	0.23	8.28	
	285-300	2	15.00	1.20	0.23	8.28	
	300-315	2	15.00	1.20	0.23	8.28	
	315-330	2	15.00	1.20	0.23	8.28	
	330-345	2	15.00	1.20	0.23	8.28	
	345-360	2	15.00	1.20	0.23	8.28	
	360-375	2	15.00	1.20	0.23	8.28	
	375-390	2	15.00	1.20	0.23	8.28	
	390-405	2	15.00	1.20	0.23	8.28	
	405-420	2	15.00	1.20	0.23	8.28	
	420-435	2	15.00	1.20	0.23	8.28	
	435-450	2	15.00	1.20	0.23	8.28	
	450-465	2	15.00	1.20	0.23	8.28	
	465-480	2	15.00	1.20	0.23	8.28	
	480-495	2	15.00	1.20	0.23	8.28	
	495-510	2	15.00	1.20	0.23	8.28	

E.E. (D.D.)

Contractor

Civil Tech Consultants & Engineers Bangalore

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	510-525	2	15.00	1.20	0.23	8.28	
	525-540	2	15.00	1.20	0.23	8.28	
	540-555	2	15.00	1.20	0.23	8.28	
	555-570	2	15.00	1.20	0.23	8.28	
	570-585	2	15.00	1.20	0.23	8.28	
	585-600	2	15.00	1.20	0.23	8.28	
	600-615	2	15.00	1.20	0.23	8.28	
	615-630	2	15.00	1.20	0.23	8.28	
	630-645	2	15.00	1.20	0.23	8.28	
	645-660	2	15.00	1.20	0.23	8.28	
	660-675	2	15.00	1.20	0.23	8.28	
	675-690	2	15.00	1.20	0.23	8.28	
	690-705	2	15.00	1.20	0.23	8.28	
	705-720	2	15.00	1.20	0.23	8.28	
	720-735	2	15.00	1.20	0.23	8.28	
	735-750	2	15.00	1.20	0.23	8.28	
	750-765	2	15.00	1.20	0.23	8.28	
	765-780	2	15.00	1.20	0.23	8.28	
	780-795	2	15.00	1.20	0.23	8.28	
	795-810	2	15.00	1.20	0.23	8.28	
	810-825	2	15.00	1.20	0.23	8.28	
	825-840	2	15.00	1.20	0.23	8.28	
	840-855	2	15.00	1.20	0.23	8.28	
	855-870	2	15.00	1.20	0.23	8.28	
	870-885	2	15.00	1.20	0.23	8.28	
	885-900	2	15.00	1.20	0.23	8.28	
	900-915	2	15.00	1.20	0.23	8.28	
	915-930	2	15.00	1.20	0.23	8.28	
	930-945	2	15.00	1.20	0.23	8.28	
	945-960	2	15.00	1.20	0.23	8.28	
	960-975	2	15.00	1.20	0.23	8.28	
	975-990	2	15.00	1.20	0.23	8.28	
	990-1005	2	15.00	1.20	0.23	8.28	

14/09/2019
E.E. (D.D.)

Contractor

Civil-Tech Consultants & Engineers Banglore

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	1005-1020	2	15.00	1.20	0.23	8.28	
	1020-1035	2	15.00	1.20	0.23	8.28	
	1035-1050	2	15.00	1.20	0.23	8.28	
	1050-1065	2	15.00	1.20	0.23	8.28	
	Cross Road (Mud Road)						
	0-15	1	15.00	(7.0+5.6)/2	0.15	14.18	
	15-30	1	15.00	(5.6+5.3)/2	0.15	12.26	
	30-45	1	15.00	(5.3+5.2)/2	0.15	11.81	
	45-60	1	15.00	(5.2+5.0)/2	0.15	11.48	
	60-75	1	15.00	(5.0+5.5)/2	0.15	11.81	
	75-90	1	15.00	(5.5+5.8)/2	0.15	12.71	
	90-105	1	15.00	(5.8+5.4)/2	0.15	12.60	
	105-120	1	15.00	(5.4+5.3)/2	0.15	12.04	
	120-139	1	19.00	(5.3+7.5)/2	0.15	18.24	
	Forest Road						
	Water Supply and Sanatory road Cutting						
	0-15	2	15.00	1.20	0.23	8.28	
	15-30	2	15.00	1.20	0.23	8.28	
	30-60	2	30.00	1.20	0.23	16.56	
	60-90	2	30.00	1.20	0.23	16.56	
	90-120	2	30.00	1.20	0.23	16.56	
	120-150	2	30.00	1.20	0.23	16.56	
	150-180	2	30.00	1.20	0.23	16.56	
	180-210	2	30.00	1.20	0.23	16.56	
	210-240	2	30.00	1.20	0.23	16.56	
	240-270	2	30.00	1.20	0.23	16.56	
	270-300	2	30.00	1.20	0.23	16.56	
	300-330	2	30.00	1.20	0.23	16.56	
	330-360	2	30.00	1.20	0.23	16.56	
	360-390	2	30.00	1.20	0.23	16.56	
	390-420	2	30.00	1.20	0.23	16.56	
	420-450	2	30.00	1.20	0.23	16.56	
	450-480	2	30.00	1.20	0.23	16.56	

E.E. (D.D.)

Civil-Tech Consultants & Engineers Bangalore

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	480-510	2	30.00	1.20	0.23	16.56	
	510-540	2	30.00	1.20	0.23	16.56	
	540-570	2	30.00	1.20	0.23	16.56	
	570-600	2	30.00	1.20	0.23	16.56	
	600-630	2	30.00	1.20	0.23	16.56	
	630-660	2	30.00	1.20	0.23	16.56	
	660-690	2	30.00	1.20	0.23	16.56	
	690-720	2	30.00	1.20	0.23	16.56	
	720-750	2	30.00	1.20	0.23	16.56	
	750-780	2	30.00	1.20	0.23	16.56	
	780-810	2	30.00	1.20	0.23	16.56	
	810-840	2	30.00	1.20	0.23	16.56	
	840-870	2	30.00	1.20	0.23	16.56	
	870-900	2	30.00	1.20	0.23	16.56	
	900-930	2	30.00	1.20	0.23	16.56	
	930-960	2	30.00	1.20	0.23	16.56	
	960-990	2	30.00	1.20	0.23	16.56	
	990-1020	2	30.00	1.20	0.23	16.56	
	1020-1050	2	30.00	1.20	0.23	16.56	
	1050-1080	2	30.00	1.20	0.23	16.56	
	1080-1110	2	30.00	1.20	0.23	16.56	
	1110-1140	2	30.00	1.20	0.23	16.56	
	1140-1170	2	30.00	1.20	0.23	16.56	
	1170-1200	2	30.00	1.20	0.23	16.56	
	1200-1230	2	30.00	1.20	0.23	16.56	
	1230-1260	2	30.00	1.20	0.23	16.56	
	1260-1290	2	30.00	1.20	0.23	16.56	
	1290-1303	2	13.00	1.20	0.23	7.18	
	Widening Both Sides						
	0-15	2	15.00	0.75	0.23	5.18	
	15-30	2	15.00	0.75	0.23	5.18	
	30-60	2	30.00	0.75	0.23	10.35	
	60-90	2	30.00	0.75	0.23	10.35	

14/09/2019

E.E. (D.P.)

Civil Tech Consultants & Engineers Bangalore

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	90-120	2	30.00	0.75	0.23	10.35	
	120-150	2	30.00	0.75	0.23	10.35	
	150-180	2	30.00	0.75	0.23	10.35	
	180-210	2	30.00	0.75	0.23	10.35	
	210-240	2	30.00	0.75	0.23	10.35	
	240-270	2	30.00	0.75	0.23	10.35	
	270-300	2	30.00	0.75	0.23	10.35	
	300-330	2	30.00	0.75	0.23	10.35	
	330-360	2	30.00	0.75	0.23	10.35	
	360-390	2	30.00	0.75	0.23	10.35	
	390-420	2	30.00	0.75	0.23	10.35	
	420-450	2	30.00	0.75	0.23	10.35	
	450-480	2	30.00	0.75	0.23	10.35	
	480-510	2	30.00	0.75	0.23	10.35	
	510-540	2	30.00	0.75	0.23	10.35	
	540-570	2	30.00	0.75	0.23	10.35	
	570-600	2	30.00	0.75	0.23	10.35	
	600-630	2	30.00	0.75	0.23	10.35	
	630-660	2	30.00	0.75	0.23	10.35	
	660-690	2	30.00	0.75	0.23	10.35	
	690-720	2	30.00	0.75	0.23	10.35	
	720-750	2	30.00	0.75	0.23	10.35	
	750-780	2	30.00	0.75	0.23	10.35	
	780-810	2	30.00	0.75	0.23	10.35	
	810-840	2	30.00	0.75	0.23	10.35	
	840-870	2	30.00	0.75	0.23	10.35	
	870-900	2	30.00	0.75	0.23	10.35	
	900-930	2	30.00	0.75	0.23	10.35	
	930-960	2	30.00	0.75	0.23	10.35	
	960-990	2	30.00	0.75	0.23	10.35	
	990-1020	2	30.00	0.75	0.23	10.35	
	1020-1050	2	30.00	0.75	0.23	10.35	
	1050-1080	2	30.00	0.75	0.23	10.35	

Contractor

Civil Tech Consultants & Engineers Bangluru

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	1080-1110	2	30.00	0.75	0.23	10.35	
	1110-1140	2	30.00	0.75	0.23	10.35	
	1140-1170	2	30.00	0.75	0.23	10.35	
	1170-1200	2	30.00	0.75	0.23	10.35	
	1200-1230	2	30.00	0.75	0.23	10.35	
	1230-1260	2	30.00	0.75	0.23	10.35	
	1260-1290	2	30.00	0.75	0.23	10.35	
	1290-1303	2	13.00	0.75	0.23	4.49	
					Total	**1873.80**	
					BOQ QTY	**1408.30**	**Sqm**
					UP TO 125% QTY	**352.08**	**Sqm**
					ABOVE 125% QTY LIMIT	**92.46**	**Sqm**
					Limit	**1852.84**	**Sqm**

Measurement Recorded on: 08.12.2019

7	**KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502**						
	Ragavendra Layout Main Road						
	0-15	1	15.00	(6.0+5.1)/2		83.25	
	15-30	1	15.00	(5.1+4.7)/2		73.50	
	30-45	1	15.00	(4.7+4.6)/2		69.75	
	45-60	1	15.00	(4.6+5.3)/2		74.25	
	60-75	1	15.00	(5.3+5.3)/2		79.50	
	75-90	1	15.00	(5.3+5.2)/2		78.75	
	90-105	1	15.00	(5.2+5.6)/2		81.00	
	105-120	1	15.00	(5.6+5.8)/2		85.50	
	120-135	1	15.00	(5.8+5.5)/2		84.75	
	135-150	1	15.00	(5.5+5.4)/2		81.75	
	150-165	1	15.00	(5.4+5.6)/2		82.50	
	165-180	1	15.00	(5.6+5.9)/2		86.25	
	180-195	1	15.00	(5.9+5.7)/2		87.00	

Contractor

Asst Engineer

Asst Executive Engineer
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Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	195-210	1	15.00	(5.7+5.0)/2		80.25	
	210-225	1	15.00	(5.0+5.1)/2		75.75	
	225-240	1	15.00	(5.1+4.9)/2		75.00	
	240-255	1	15.00	(4.9+5.0)/2		74.25	
	255-270	1	15.00	(5.0+5.2)/2		76.50	
	270-285	1	15.00	(5.2+4.9)/2		75.75	
	285-300	1	15.00	(4.9+5.3)/2		76.50	
	300-315	1	15.00	(5.3+5.7)/2		82.50	
	315-330	1	15.00	(5.7+5.5)/2		84.00	
	330-345	1	15.00	(5.5+5.2)/2		80.25	
	345-360	1	15.00	(5.2+5.0)/2		76.50	
	360-375	1	15.00	(5.0+5.8)/2		81.00	
	375-390	1	15.00	(5.8+4.8)/2		79.50	
	390-405	1	15.00	(4.8+5.5)/2		77.25	
	405-420	1	15.00	(5.5+6.1)/2		87.00	
	420-435	1	15.00	(6.1+7.3)/2		100.50	
	435-450	1	15.00	(7.3+5.5)/2		96.00	
	450-465	1	15.00	(5.5+6.0)/2		86.25	
	465-480	1	15.00	(6.0+5.4)/2		85.50	
	480-495	1	15.00	(5.4+5.8)/2		84.00	
	495-510	1	15.00	(5.8+5.9)/2		87.75	
	510-525	1	15.00	(5.9+6.1)/2		90.00	
	525-540	1	15.00	(6.1+6.1)/2		91.50	
	540-555	1	15.00	(6.1+7.0)/2		98.25	
	555-570	1	15.00	(7.0+5.7)/2		95.25	
	570-585	1	15.00	(5.7+6.4)/2		90.75	
	585-600	1	15.00	(6.4+5.0)/2		85.50	
	600-615	1	15.00	(5.0+5.6)/2		79.50	
	615-630	1	15.00	(5.6+6.1)/2		87.75	
	630-645	1	15.00	(6.1+5.7)/2		88.50	
	645-660	1	15.00	(5.7+5.9)/2		87.00	
	660-675	1	15.00	(5.9+4.9)/2		81.00	
	675-690	1	15.00	(4.9+5.7)/2		79.50	

Contractor

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	690-705	1	15.00	(5.7+7.4)/2		98.25	
	705-720	1	15.00	(7.4+5.7)/2		98.25	
	720-735	1	15.00	(5.7+6.0)/2		87.75	
	735-750	1	15.00	(6.0+6.0)/2		90.00	
	750-765	1	15.00	(6.0+6.4)/2		93.00	
	765-780	1	15.00	(6.4+5.6)/2		90.00	
	780-795	1	15.00	(5.6+6.0)/2		87.00	
	795-810	1	15.00	(6.0+6.0)/2		90.00	
	810-825	1	15.00	(6.0+6.6)/2		94.50	
	825-840	1	15.00	(6.6+5.3)/2		89.25	
	840-855	1	15.00	(5.3+5.2)/2		78.75	
	855-870	1	15.00	(5.2+5.6)/2		81.00	
	870-885	1	15.00	(5.6+5.0)/2		79.50	
	885-900	1	15.00	(5.0+5.5)/2		78.75	
	900-915	1	15.00	(5.5+6.0)/2		86.25	
	915-930	1	15.00	(6.0+6.3)/2		92.25	
	930-945	1	15.00	(6.3+6.3)/2		94.50	
	945-960	1	15.00	(6.3+6.6)/2		96.75	
	960-975	1	15.00	(6.6+5.5)/2		90.75	
	975-990	1	15.00	(5.5+5.5)/2		82.50	
	990-1005	1	15.00	(5.5+5.5)/2		82.50	
	1005-1020	1	15.00	(5.5+5.1)/2		79.50	
	1020-1035	1	15.00	(5.1+5.8)/2		81.75	
	1035-1050	1	15.00	(5.8+5.3)/2		83.25	
	1050-1065	1	15.00	(5.3+5.4)/2		80.25	
	1065-1080	1	15.00	(5.4+5.8)/2		84.00	
	1080-1095	1	15.00	(5.8+5.3)/2		83.25	
	1095-1110	1	15.00	(5.3+5.6)/2		81.75	
	1110-1125	1	15.00	(5.6+5.8)/2		85.50	
	1125-1140	1	15.00	(5.8+5.8)/2		87.00	
	1140-1158	1	18.00	(5.8+5.7)/2		103.50	
	Cross Road (Mud Road)						
	0-15	1	15.00	(7.0+5.6)/2		94.50	

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	15-30	1	15.00	(5.6+5.3)/2		81.75	
	30-45	1	15.00	(5.3+5.2)/2		78.75	
	45-60	1	15.00	(5.2+5.0)/2		76.50	
	60-75	1	15.00	(5.0+5.5)/2		78.75	
	75-90	1	15.00	(5.5+5.8)/2		84.75	
	90-105	1	15.00	(5.8+5.4)/2		84.00	
	105-120	1	15.00	(5.4+5.3)/2		80.25	
	120-139	1	19.00	(5.3+7.5)/2		121.60	
	Forest Road						
	0-15	1	15.00	(11.3+10.2)/2		161.25	
	15-30	1	15.00	(10.2+9.9)/2		150.75	
	30-60	1	30.00	(9.9+10.6)/2		307.50	
	60-90	1	30.00	(10.6+10.6)/2		318.00	
	90-120	1	30.00	(10.6+10.5)/2		316.50	
	120-150	1	30.00	(10.5+9.8)/2		304.50	
	150-180	1	30.00	(9.8+10.2)/2		300.00	
	180-210	1	30.00	(10.2+10.3)/2		307.50	
	210-240	1	30.00	(10.3+9.8)/2		301.50	
	240-270	1	30.00	(9.8+10.1)/2		298.50	
	270-300	1	30.00	(10.1+10.1)/2		303.00	
	300-330	1	30.00	(10.1+9.8)/2		298.50	
	330-360	1	30.00	(9.8+9.9)/2		295.50	
	360-390	1	30.00	(9.9+9.9)/2		297.00	
	390-420	1	30.00	(9.9+9.8)/2		295.50	

Contractor

Civil Tech Consultants & Engineers Bangalore

Asst Engineer

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Assistant Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	420-450	1	30.00	(9.8+10.1)/2		298.50	
	450-480	1	30.00	(10.1+10.3)/2		306.00	
	480-510	1	30.00	(10.3+10.5)/2		312.00	
	510-540	1	30.00	(10.5+10.1)/2		309.00	
	540-570	1	30.00	(10.1+10.5)/2		309.00	
	570-600	1	30.00	(10.5+10.8)/2		319.50	
	600-630	1	30.00	(10.8+10.8)/2		324.00	
	630-660	1	30.00	(10.8+11.0)/2		327.00	
	660-690	1	30.00	(11.0+11.0)/2		330.00	
	690-720	1	30.00	(11.1+10.6)/2		325.50	
	720-750	1	30.00	(10.6+10.7)/2		319.50	
	750-780	1	30.00	(10.7+10.5)/2		318.00	
	780-810	1	30.00	(10.5+10.4)/2		313.50	
	810-840	1	30.00	(10.4+10.3)/2		310.50	
	840-870	1	30.00	(10.3+10.0)/2		304.50	
	870-900	1	30.00	(10.0+10.3)/2		304.50	
	900-930	1	30.00	(10.3+10.1)/2		306.00	
	930-960	1	30.00	(10.1+10.2)/2		304.50	
	960-990	1	30.00	(10.2+10.4)/2		309.00	
	990-1020	1	30.00	(10.4+10.8)/2		318.00	
	1020-1050	1	30.00	(10.8+11.10)/2		328.50	
	1050-1080	1	30.00	(11.10+10.8)/2		328.50	
	1080-1110	1	30.00	(10.8+11.1)/2		328.50	
	1110-1140	1	30.00	(11.1+10.1)/2		318.00	
	1140-1170	1	30.00	(10.1+11.8)/2		328.50	
	1170-1200	1	30.00	(11.8+10.4)/2		333.00	
	1200-1230	1	30.00	(10.4+10.1)/2		307.50	
	1230-1260	1	30.00	(10.1+15.3)/2		381.00	
	1260-1290	1	30.00	(15.3+14.7)/2		450.00	
	1290-1320	1	30.00	(14.7+15.5)/2		453.00	
	1320-1350	1	30.00	(15.5+9.9)/2		381.00	
	1350-1380	1	30.00	(9.9+8.3)/2		273.00	

Contractor

Asst Engineer

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Asst Executive Engineer
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
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Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	1380-1410	1	30.00	(8.3+9.3)/2		264.00	
	1410-1442	1	32.00	(9.3+9.3)/2		297.60	
					Total	22612.45	Sqm
					BOQ Qty	7041.50	Sqm
					Upto 125% Qty	8801.88	Sqm
					Above 125% Qty	13810.58	Sqm
					Limit	22297.60	Sqm

Contractor

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:07.12.2019						
8	**KSRRB 500-2. Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.**						
	Ragavendra Layout Main Road						
	0-15	1	15.00	(6.0+5.1)/2		83.25	
	15-30	1	15.00	(5.1+4.7)/2		73.50	
	30-45	1	15.00	(4.7+4.6)/2		69.75	
	45-60	1	15.00	(4.6+5.3)/2		74.25	
	60-75	1	15.00	(5.3+5.3)/2		79.50	
	75-90	1	15.00	(5.3+5.2)/2		78.75	
	90-105	1	15.00	(5.2+5.6)/2		81.00	
	105-120	1	15.00	(5.6+5.8)/2		85.50	
	120-135	1	15.00	(5.8+5.5)/2		84.75	
	135-150	1	15.00	(5.5+5.4)/2		81.75	
	150-165	1	15.00	(5.4+5.6)/2		82.50	
	165-180	1	15.00	(5.6+5.9)/2		86.25	
	180-195	1	15.00	(5.9+5.7)/2		87.00	
	195-210	1	15.00	(5.7+5.0)/2		80.25	
	210-225	1	15.00	(5.0+5.1)/2		75.75	
	225-240	1	15.00	(5.1+4.9)/2		75.00	
	240-255	1	15.00	(4.9+5.0)/2		74.25	
	255-270	1	15.00	(5.0+5.2)/2		76.50	
	270-285	1	15.00	(5.2+4.9)/2		75.75	
	285-300	1	15.00	(4.9+5.3)/2		76.50	
	300-315	1	15.00	(5.3+5.7)/2		82.50	
	315-330	1	15.00	(5.7+5.5)/2		84.00	
	330-345	1	15.00	(5.5+5.2)/2		80.25	
	345-360	1	15.00	(5.2+5.0)/2		76.50	
	360-375	1	15.00	(5.0+5.8)/2		81.00	
	375-390	1	15.00	(5.8+4.8)/2		79.50	

Contractor

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	390-405	1	15.00	(4.8+5.5)/2		77.25	
	405-420	1	15.00	(5.5+6.1)/2		87.00	
	420-435	1	15.00	(6.1+7.3)/2		100.50	
	435-450	1	15.00	(7.3+5.5)/2		96.00	
	450-465	1	15.00	(5.5+6.0)/2		86.25	
	465-480	1	15.00	(6.0+5.4)/2		85.50	
	480-495	1	15.00	(5.4+5.8)/2		84.00	
	495-510	1	15.00	(5.8+5.9)/2		87.75	
	510-525	1	15.00	(5.9+6.1)/2		90.00	
	525-540	1	15.00	(6.1+6.1)/2		91.50	
	540-555	1	15.00	(6.1+7.0)/2		98.25	
	555-570	1	15.00	(7.0+5.7)/2		95.25	
	570-585	1	15.00	(5.7+6.4)/2		90.75	
	585-600	1	15.00	(6.4+5.0)/2		85.50	
	600-615	1	15.00	(5.0+5.6)/2		79.50	
	615-630	1	15.00	(5.6+6.1)/2		87.75	
	630-645	1	15.00	(6.1+5.7)/2		88.50	
	645-660	1	15.00	(5.7+5.9)/2		87.00	
	660-675	1	15.00	(5.9+4.9)/2		81.00	
	675-690	1	15.00	(4.9+5.7)/2		79.50	
	690-705	1	15.00	(5.7+7.4)/2		98.25	
	705-720	1	15.00	(7.4+5.7)/2		98.25	
	720-735	1	15.00	(5.7+6.0)/2		87.75	
	735-750	1	15.00	(6.0+6.0)/2		90.00	
	750-765	1	15.00	(6.0+6.4)/2		93.00	
	765-780	1	15.00	(6.4+5.6)/2		90.00	
	780-795	1	15.00	(5.6+6.0)/2		87.00	
	795-810	1	15.00	(6.0+6.0)/2		90.00	
	810-825	1	15.00	(6.0+6.6)/2		94.50	
	825-840	1	15.00	(6.6+5.3)/2		89.25	
	840-855	1	15.00	(5.3+5.2)/2		78.75	
	855-870	1	15.00	(5.2+5.6)/2		81.00	
	870-885	1	15.00	(5.6+5.0)/2		79.50	

Contractor

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	885-900	1	15.00	(5.0+5.5)/2		78.75	
	900-915	1	15.00	(5.5+6.0)/2		86.25	
	915-930	1	15.00	(6.0+6.3)/2		92.25	
	930-945	1	15.00	(6.3+6.3)/2		94.50	
	945-960	1	15.00	(6.3+6.6)/2		96.75	
	960-975	1	15.00	(6.6+5.5)/2		90.75	
	975-990	1	15.00	(5.5+5.5)/2		82.50	
	990-1005	1	15.00	(5.5+5.5)/2		82.50	
	1005-1020	1	15.00	(5.5+5.1)/2		79.50	
	1020-1035	1	15.00	(5.1+5.8)/2		81.75	
	1035-1050	1	15.00	(5.8+5.3)/2		83.25	
	1050-1065	1	15.00	(5.3+5.4)/2		80.25	
	1065-1080	1	15.00	(5.4+5.8)/2		84.00	
	1080-1095	1	15.00	(5.8+5.3)/2		83.25	
	1095-1110	1	15.00	(5.3+5.6)/2		81.75	
	1110-1125	1	15.00	(5.6+5.8)/2		85.50	
	1125-1140	1	15.00	(5.8+5.8)/2		87.00	
	1140-1158	1	18.00	(5.8+5.7)/2		103.50	
	Cross Road (Mud Road)						
	0-15	1	15.00	(7.0+5.6)/2		94.50	
	15-30	1	15.00	(5.6+5.3)/2		81.75	
	30-45	1	15.00	(5.3+5.2)/2		78.75	
	45-60	1	15.00	(5.2+5.0)/2		76.50	
	60-75	1	15.00	(5.0+5.5)/2		78.75	
	75-90	1	15.00	(5.5+5.8)/2		84.75	
	90-105	1	15.00	(5.8+5.4)/2		84.00	
	105-120	1	15.00	(5.4+5.3)/2		80.25	
	120-139	1	19.00	(5.3+7.5)/2		121.60	
	Forest Road						
	0-15	1	15.00	(11.3+10.2)/2		161.25	
	15-30	1	15.00	(10.2+9.9)/2		150.75	
	30-60	1	30.00	(9.9+10.6)/2		307.50	
	60-90	1	30.00	(10.6+10.6)/2		318.00	

Contractor

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
Asst Executive Engineer
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Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	90-120	1	30.00	(10.6+10.5)/2		316.50	
	120-150	1	30.00	(10.5+9.8)/2		304.50	
	150-180	1	30.00	(9.8+10.2)/2		300.00	
	180-210	1	30.00	(10.2+10.3)/2		307.50	
	210-240	1	30.00	(10.3+9.8)/2		301.50	
	240-270	1	30.00	(9.8+10.1)/2		298.50	
	270-300	1	30.00	(10.1+10.1)/2		303.00	
	300-330	1	30.00	(10.1+9.8)/2		298.50	
	330-360	1	30.00	(9.8+9.9)/2		295.50	
	360-390	1	30.00	(9.9+9.9)/2		297.00	
	390-420	1	30.00	(9.9+9.8)/2		295.50	
	420-450	1	30.00	(9.8+10.1)/2		298.50	
	450-480	1	30.00	(10.1+10.3)/2		306.00	
	480-510	1	30.00	(10.3+10.5)/2		312.00	
	510-540	1	30.00	(10.5+10.1)/2		309.00	
	540-570	1	30.00	(10.1+10.5)/2		309.00	
	570-600	1	30.00	(10.5+10.8)/2		319.50	
	600-630	1	30.00	(10.8+10.8)/2		324.00	
	630-660	1	30.00	(10.8+11.0)/2		327.00	
	660-690	1	30.00	(11.0+11.0)/2		330.00	
	690-720	1	30.00	(11.1+10.6)/2		325.50	
	720-750	1	30.00	(10.6+10.7)/2		319.50	
	750-780	1	30.00	(10.7+10.5)/2		318.00	
	780-810	1	30.00	(10.5+10.4)/2		313.50	
	810-840	1	30.00	(10.4+10.3)/2		310.50	
	840-870	1	30.00	(10.3+10.0)/2		304.50	
	870-900	1	30.00	(10.0+10.3)/2		304.50	
	900-930	1	30.00	(10.3+10.1)/2		306.00	
	930-960	1	30.00	(10.1+10.2)/2		304.50	
	960-990	1	30.00	(10.2+10.4)/2		309.00	
	990-1020	1	30.00	(10.4+10.8)/2		318.00	
	1020-1050	1	30.00	(10.8+11.10)/2		328.50	
	1050-1080	1	30.00	(11.10+10.8)/2		328.50	

Asst Engineer

Asst Executive Engineer

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	1080-1110	1	30.00	(10.8+11.1)/2		328.50	
	1110-1140	1	30.00	(11.1+10.1)/2		318.00	
	1140-1170	1	30.00	(10.1+11.8)/2		328.50	
	1170-1200	1	30.00	(11.8+10.4)/2		333.00	
	1200-1230	1	30.00	(10.4+10.1)/2		307.50	
	1230-1260	1	30.00	(10.1+15.3)/2		381.00	
	1260-1290	1	30.00	(15.3+14.7)/2		450.00	
	1290-1303	1	13.00	(14.7+15.5)/2		196.30	
					Total	**21140.15**	
					BOQ QTY	**10222.80**	**Sqm**
					UP TO 125% QTY	**2555.70**	**Sqm**
					ABOVE 125% QTY LIMIT	**8331.10**	**Sqm**
					Limit	**21109.60**	**Sqm**

Measurement Recorded on: 09.12.2019

9	**KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5**						
	Ragavendra Layout Main Road						
	0-15	1	15.00	(6.0+5.1)/2		83.25	
	15-30	1	15.00	(5.1+4.7)/2		73.50	
	30-45	1	15.00	(4.7+4.6)/2		69.75	
	45-60	1	15.00	(4.6+5.3)/2		74.25	
	60-75	1	15.00	(5.3+5.3)/2		79.50	
	75-90	1	15.00	(5.3+5.2)/2		78.75	
	90-105	1	15.00	(5.2+5.6)/2		81.00	
	105-120	1	15.00	(5.6+5.8)/2		85.50	
	120-135	1	15.00	(5.8+5.5)/2		84.75	
	135-150	1	15.00	(5.5+5.4)/2		81.75	
	150-165	1	15.00	(5.4+5.6)/2		82.50	
	165-180	1	15.00	(5.6+5.9)/2		86.25	

Contractor

Civil Tech Consultants & Engineers Bangalore

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	180-195	1	15.00	(5.9+5.7)/2		87.00	
	195-210	1	15.00	(5.7+5.0)/2		80.25	
	210-225	1	15.00	(5.0+5.1)/2		75.75	
	225-240	1	15.00	(5.1+4.9)/2		75.00	
	240-255	1	15.00	(4.9+5.0)/2		74.25	
	255-270	1	15.00	(5.0+5.2)/2		76.50	
	270-285	1	15.00	(5.2+4.9)/2		75.75	
	285-300	1	15.00	(4.9+5.3)/2		76.50	
	300-315	1	15.00	(5.3+5.7)/2		82.50	
	315-330	1	15.00	(5.7+5.5)/2		84.00	
	330-345	1	15.00	(5.5+5.2)/2		80.25	
	345-360	1	15.00	(5.2+5.0)/2		76.50	
	360-375	1	15.00	(5.0+5.8)/2		81.00	
	375-390	1	15.00	(5.8+4.8)/2		79.50	
	390-405	1	15.00	(4.8+5.5)/2		77.25	
	405-420	1	15.00	(5.5+6.1)/2		87.00	
	420-435	1	15.00	(6.1+7.3)/2		100.50	
	435-450	1	15.00	(7.3+5.5)/2		96.00	
	450-465	1	15.00	(5.5+6.0)/2		86.25	
	465-480	1	15.00	(6.0+5.4)/2		85.50	
	480-495	1	15.00	(5.4+5.8)/2		84.00	
	495-510	1	15.00	(5.8+5.9)/2		87.75	
	510-525	1	15.00	(5.9+6.1)/2		90.00	
	525-540	1	15.00	(6.1+6.1)/2		91.50	
	540-555	1	15.00	(6.1+7.0)/2		98.25	
	555-570	1	15.00	(7.0+5.7)/2		95.25	
✓	570-585	1	15.00	(5.7+6.4)/2		90.75	
	585-600	1	15.00	(6.4+5.0)/2		85.50	
	600-615	1	15.00	(5.0+5.6)/2		79.50	
	615-630	1	15.00	(5.6+6.1)/2		87.75	
	630-645	1	15.00	(6.1+5.7)/2		88.50	
	645-660	1	15.00	(5.7+5.9)/2		87.00	
	660-675	1	15.00	(5.9+4.9)/2		81.00	

E.E. (D.D.)

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	675-690	1	15.00	(4.9+5.7)/2		79.50	
	690-705	1	15.00	(5.7+7.4)/2		98.25	
	705-720	1	15.00	(7.4+5.7)/2		98.25	
	720-735	1	15.00	(5.7+6.0)/2		87.75	
	735-750	1	15.00	(6.0+6.0)/2		90.00	
	750-765	1	15.00	(6.0+6.4)/2		93.00	
	765-780	1	15.00	(6.4+5.6)/2		90.00	
	780-795	1	15.00	(5.6+6.0)/2		87.00	
	795-810	1	15.00	(6.0+6.0)/2		90.00	
	810-825	1	15.00	(6.0+6.6)/2		94.50	
	825-840	1	15.00	(6.6+5.3)/2		89.25	
	840-855	1	15.00	(5.3+5.2)/2		78.75	
	855-870	1	15.00	(5.2+5.6)/2		81.00	
	870-885	1	15.00	(5.6+5.0)/2		79.50	
	885-900	1	15.00	(5.0+5.5)/2		78.75	
	900-915	1	15.00	(5.5+6.0)/2		86.25	
	915-930	1	15.00	(6.0+6.3)/2		92.25	
	930-945	1	15.00	(6.3+6.3)/2		94.50	
	945-960	1	15.00	(6.3+6.6)/2		96.75	
	960-975	1	15.00	(6.6+5.5)/2		90.75	
	975-990	1	15.00	(5.5+5.5)/2		82.50	
	990-1005	1	15.00	(5.5+5.5)/2		82.50	
	1005-1020	1	15.00	(5.5+5.1)/2		79.50	
	1020-1035	1	15.00	(5.1+5.8)/2		81.75	
	1035-1050	1	15.00	(5.8+5.3)/2		83.25	
	1050-1065	1	15.00	(5.3+5.4)/2		80.25	
	1065-1080	1	15.00	(5.4+5.8)/2		84.00	
	1080-1095	1	15.00	(5.8+5.3)/2		83.25	
	1095-1110	1	15.00	(5.3+5.6)/2		81.75	
	1110-1125	1	15.00	(5.6+5.8)/2		85.50	
	1125-1140	1	15.00	(5.8+5.8)/2		87.00	
	1140-1158	1	18.00	(5.8+5.7)/2		103.50	
	Cross Road (Mud Road)						

Contractor

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

...ing to Abbigere area and ...

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	0-15	1	15.00	(7.0+5.6)/2		94.50	
	15-30	1	15.00	(5.6+5.3)/2		81.75	
	30-45	1	15.00	(5.3+5.2)/2		78.75	
	45-60	1	15.00	(5.2+5.0)/2		76.50	
	60-75	1	15.00	(5.0+5.5)/2		78.75	
	75-90	1	15.00	(5.5+5.8)/2		84.75	
	90-105	1	15.00	(5.8+5.4)/2		84.00	
	105-120	1	15.00	(5.4+5.3)/2		80.25	
	120-139	1	19.00	(5.3+7.5)/2		121.60	
	Forest Road						
	0-15	1	15.00	(11.3+10.2)/2		161.25	
	15-30	1	15.00	(10.2+9.9)/2		150.75	
	30-60	1	30.00	(9.9+10.6)/2		307.50	
	60-90	1	30.00	(10.6+10.6)/2		318.00	
	90-120	1	30.00	(10.6+10.5)/2		316.50	
	120-150	1	30.00	(10.5+9.8)/2		304.50	
	150-180	1	30.00	(9.8+10.2)/2		300.00	
	180-210	1	30.00	(10.2+10.3)/2		307.50	
	210-240	1	30.00	(10.3+9.8)/2		301.50	
	240-270	1	30.00	(9.8+10.1)/2		298.50	
	270-300	1	30.00	(10.1+10.1)/2		303.00	
	300-330	1	30.00	(10.1+9.8)/2		298.50	
	330-360	1	30.00	(9.8+9.9)/2		295.50	
	360-390	1	30.00	(9.9+9.9)/2		297.00	
	390-420	1	30.00	(9.9+9.8)/2		295.50	
	420-450	1	30.00	(9.8+10.1)/2		298.50	
	450-480	1	30.00	(10.1+10.3)/2		306.00	
	480-510	1	30.00	(10.3+10.5)/2		312.00	
	510-540	1	30.00	(10.5+10.1)/2		309.00	
	540-570	1	30.00	(10.1+10.5)/2		309.00	
	570-600	1	30.00	(10.5+10.8)/2		319.50	
	600-630	1	30.00	(10.8+10.8)/2		324.00	
	630-660	1	30.00	(10.8+11.0)/2		327.00	

Tractor

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	660-690	1	30.00	(11.0+11.0)/2		330.00	
	690-720	1	30.00	(11.1+10.6)/2		325.50	
	720-750	1	30.00	(10.6+10.7)/2		319.50	
	750-780	1	30.00	(10.7+10.5)/2		318.00	
	780-810	1	30.00	(10.5+10.4)/2		313.50	
	810-840	1	30.00	(10.4+10.3)/2		310.50	
	840-870	1	30.00	(10.3+10.0)/2		304.50	
	870-900	1	30.00	(10.0+10.3)/2		304.50	
	900-930	1	30.00	(10.3+10.1)/2		306.00	
	930-960	1	30.00	(10.1+10.2)/2		304.50	
	960-990	1	30.00	(10.2+10.4)/2		309.00	
	990-1020	1	30.00	(10.4+10.8)/2		318.00	
	1020-1050	1	30.00	(10.8+11.10)/2		328.50	
	1050-1080	1	30.00	(11.10+10.8)/2		328.50	
	1080-1110	1	30.00	(10.8+11.1)/2		328.50	
	1110-1140	1	30.00	(11.1+10.1)/2		318.00	
	1140-1170	1	30.00	(10.1+11.8)/2		328.50	
	1170-1200	1	30.00	(11.8+10.4)/2		333.00	
	1200-1230	1	30.00	(10.4+10.1)/2		307.50	
	1230-1260	1	30.00	(10.1+15.3)/2		381.00	
	1260-1290	1	30.00	(15.3+14.7)/2		450.00	
	1290-1303	1	13.00	(14.7+15.5)/2		196.30	
					Total	**21140.15**	
					Limit	**21109.60**	**Sqm**

Measurement Recorded on: 09.12.2019

Contractor

Civil Tech Consultants & Engineers Bangalore

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
10	**KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed Coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, butexcluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-ll (50 mm to 75 mm) with 3.3 % VG-30 Bitumen**						
	Ragavendra Layout Main Road						
	0-15	1	15.00	(6.0+5.1)/2	0.05	4.16	
	15-30	1	15.00	(5.1+4.7)/2	0.05	3.68	
	30-45	1	15.00	(4.7+4.6)/2	0.05	3.49	
	45-60	1	15.00	(4.6+5.3)/2	0.05	3.71	
	60-75	1	15.00	(5.3+5.3)/2	0.05	3.98	
	75-90	1	15.00	(5.3+5.2)/2	0.05	3.94	
	90-105	1	15.00	(5.2+5.6)/2	0.05	4.05	
	105-120	1	15.00	(5.6+5.8)/2	0.05	4.28	
	120-135	1	15.00	(5.8+5.5)/2	0.05	4.24	
	135-150	1	15.00	(5.5+5.4)/2	0.05	4.09	
	150-165	1	15.00	(5.4+5.6)/2	0.05	4.13	
	165-180	1	15.00	(5.6+5.9)/2	0.05	4.31	
	180-195	1	15.00	(5.9+5.7)/2	0.05	4.35	
	195-210	1	15.00	(5.7+5.0)/2	0.05	4.01	
	210-225	1	15.00	(5.0+5.1)/2	0.05	3.79	
	225-240	1	15.00	(5.1+4.9)/2	0.05	3.75	
	240-255	1	15.00	(4.9+5.0)/2	0.05	3.71	
	255-270	1	15.00	(5.0+5.2)/2	0.05	3.83	
	270-285	1	15.00	(5.2+4.9)/2	0.05	3.79	
	285-300	1	15.00	(4.9+5.3)/2	0.05	3.83	
	300-315	1	15.00	(5.3+5.7)/2	0.05	4.13	
	315-330	1	15.00	(5.7+5.5)/2	0.05	4.20	
	330-345	1	15.00	(5.5+5.2)/2	0.05	4.01	
	345-360	1	15.00	(5.2+5.0)/2	0.05	3.83	

Contractor

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	360-375	1	15.00	(5.0+5.8)/2	0.05	4.05	
	375-390	1	15.00	(5.8+4.8)/2	0.05	3.98	
	390-405	1	15.00	(4.8+5.5)/2	0.05	3.86	
	405-420	1	15.00	(5.5+6.1)/2	0.05	4.35	
	420-435	1	15.00	(6.1+7.3)/2	0.05	5.03	
	435-450	1	15.00	(7.3+5.5)/2	0.05	4.80	
	450-465	1	15.00	(5.5+6.0)/2	0.05	4.31	
	465-480	1	15.00	(6.0+5.4)/2	0.05	4.28	
	480-495	1	15.00	(5.4+5.8)/2	0.05	4.20	
	495-510	1	15.00	(5.8+5.9)/2	0.05	4.39	
	510-525	1	15.00	(5.9+6.1)/2	0.05	4.50	
	525-540	1	15.00	(6.1+6.1)/2	0.05	4.58	
	540-555	1	15.00	(6.1+7.0)/2	0.05	4.91	
	555-570	1	15.00	(7.0+5.7)/2	0.05	4.76	
	570-585	1	15.00	(5.7+6.4)/2	0.05	4.54	
	585-600	1	15.00	(6.4+5.0)/2	0.05	4.28	
	600-615	1	15.00	(5.0+5.6)/2	0.05	3.98	
	615-630	1	15.00	(5.6+6.1)/2	0.05	4.39	
	630-645	1	15.00	(6.1+5.7)/2	0.05	4.43	
	645-660	1	15.00	(5.7+5.9)/2	0.05	4.35	
	660-675	1	15.00	(5.9+4.9)/2	0.05	4.05	
	675-690	1	15.00	(4.9+5.7)/2	0.05	3.98	
	690-705	1	15.00	(5.7+7.4)/2	0.05	4.91	
	705-720	1	15.00	(7.4+5.7)/2	0.05	4.91	
	720-735	1	15.00	(5.7+6.0)/2	0.05	4.39	
	735-750	1	15.00	(6.0+6.0)/2	0.05	4.50	
	750-765	1	15.00	(6.0+6.4)/2	0.05	4.65	
	765-780	1	15.00	(6.4+5.6)/2	0.05	4.50	
	780-795	1	15.00	(5.6+6.0)/2	0.05	4.35	
	795-810	1	15.00	(6.0+6.0)/2	0.05	4.50	
	810-825	1	15.00	(6.0+6.6)/2	0.05	4.73	
	825-840	1	15.00	(6.6+5.3)/2	0.05	4.46	
	840-855	1	15.00	(5.3+5.2)/2	0.05	3.94	

ntractor

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	855-870	1	15.00	(5.2+5.6)/2	0.05	4.05	
	870-885	1	15.00	(5.6+5.0)/2	0.05	3.98	
	885-900	1	15.00	(5.0+5.5)/2	0.05	3.94	
	900-915	1	15.00	(5.5+6.0)/2	0.05	4.31	
	915-930	1	15.00	(6.0+6.3)/2	0.05	4.61	
	930-945	1	15.00	(6.3+6.3)/2	0.05	4.73	
	945-960	1	15.00	(6.3+6.6)/2	0.05	4.84	
	960-975	1	15.00	(6.6+5.5)/2	0.05	4.54	
	975-990	1	15.00	(5.5+5.5)/2	0.05	4.13	
	990-1005	1	15.00	(5.5+5.5)/2	0.05	4.13	
	1005-1020	1	15.00	(5.5+5.1)/2	0.05	3.98	
	1020-1035	1	15.00	(5.1+5.8)/2	0.05	4.09	
	1035-1050	1	15.00	(5.8+5.3)/2	0.05	4.16	
	1050-1065	1	15.00	(5.3+5.4)/2	0.05	4.01	
	1065-1080	1	15.00	(5.4+5.8)/2	0.05	4.20	
	1080-1095	1	15.00	(5.8+5.3)/2	0.05	4.16	
	1095-1110	1	15.00	(5.3+5.6)/2	0.05	4.09	
	1110-1125	1	15.00	(5.6+5.8)/2	0.05	4.28	
	1125-1140	1	15.00	(5.8+5.8)/2	0.05	4.35	
	1140-1158	1	18.00	(5.8+5.7)/2	0.05	5.18	
	Cross Road						
	0-15	1	15.00	(7.0+5.6)/2	0.05	4.73	
	15-30	1	15.00	(5.6+5.3)/2	0.05	4.09	
	30-45	1	15.00	(5.3+5.2)/2	0.05	3.94	
	45-60	1	15.00	(5.2+5.0)/2	0.05	3.83	
	60-75	1	15.00	(5.0+5.5)/2	0.05	3.94	
	75-90	1	15.00	(5.5+5.8)/2	0.05	4.24	
	90-105	1	15.00	(5.8+5.4)/2	0.05	4.20	
	105-120	1	15.00	(5.4+5.3)/2	0.05	4.01	
	120-139	1	19.00	(5.3+7.5)/2	0.05	6.08	
	Forest Road						
	0-15	1	15.00	(11.3+10.2)/2	0.05	8.06	

Contractor

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	15-30	1	15.00	(10.2+9.9)/2	0.05	7.54	
	30-60	1	30.00	(9.9+10.6)/2	0.05	15.38	
	60-90	1	30.00	(10.6+10.6)/2	0.05	15.90	
	90-120	1	30.00	(10.6+10.5)/2	0.05	15.83	
	120-150	1	30.00	(10.5+9.8)/2	0.05	15.23	
	150-180	1	30.00	(9.8+10.2)/2	0.05	15.00	
	180-210	1	30.00	(10.2+10.3)/2	0.05	15.38	
	210-240	1	30.00	(10.3+9.8)/2	0.05	15.08	
	240-270	1	30.00	(9.8+10.1)/2	0.05	14.93	
	270-300	1	30.00	(10.1+10.1)/2	0.05	15.15	
	300-330	1	30.00	(10.1+9.8)/2	0.05	14.93	
	330-360	1	30.00	(9.8+9.9)/2	0.05	14.78	
	360-390	1	30.00	(9.9+9.9)/2	0.05	14.85	
	390-420	1	30.00	(9.9+9.8)/2	0.05	14.78	
	420-450	1	30.00	(9.8+10.1)/2	0.05	14.93	
	450-480	1	30.00	(10.1+10.3)/2	0.05	15.30	
	480-510	1	30.00	(10.3+10.5)/2	0.05	15.60	
	510-540	1	30.00	(10.5+10.1)/2	0.05	15.45	
	540-570	1	30.00	(10.1+10.5)/2	0.05	15.45	
	570-600	1	30.00	(10.5+10.8)/2	0.05	15.98	
	600-630	1	30.00	(10.8+10.8)/2	0.05	16.20	
	630-660	1	30.00	(10.8+11.0)/2	0.05	16.35	
	660-690	1	30.00	(11.0+11.0)/2	0.05	16.50	
	690-720	1	30.00	(11.1+10.6)/2	0.05	16.28	
	720-750	1	30.00	(10.6+10.7)/2	0.05	15.98	
	750-780	1	30.00	(10.7+10.5)/2	0.05	15.90	
	780-810	1	30.00	(10.5+10.4)/2	0.05	15.68	
	810-840	1	30.00	(10.4+10.3)/2	0.05	15.53	
	840-870	1	30.00	(10.3+10.0)/2	0.05	15.23	
	870-900	1	30.00	(10.0+10.3)/2	0.05	15.23	
	900-930	1	30.00	(10.3+10.1)/2	0.05	15.30	
	930-960	1	30.00	(10.1+10.2)/2	0.05	15.23	
	960-990	1	30.00	(10.2+10.4)/2	0.05	15.45	

Contractor

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	990-1020	1	30.00	(10.4+10.8)/2	0.05	15.90	
	1020-1050	1	30.00	(10.8+11.10)/2	0.05	16.43	
	1050-1080	1	30.00	(11.10+10.8)/2	0.05	16.43	
	1080-1110	1	30.00	(10.8+11.1)/2	0.05	16.43	
	1110-1140	1	30.00	(11.1+10.1)/2	0.05	15.90	
	1140-1170	1	30.00	(10.1+11.8)/2	0.05	16.43	
	1170-1200	1	30.00	(11.8+10.4)/2	0.05	16.65	
	1200-1230	1	30.00	(10.4+10.1)/2	0.05	15.38	
	1230-1260	1	30.00	(10.1+15.3)/2	0.05	19.05	
	1260-1290	1	30.00	(15.3+14.7)/2	0.05	22.50	
	1290-1303	1	13.00	(14.7+15.5)/2	0.05	9.82	
					Total	1057.01	Cum
					Limit	1055.48	Cum

Measurement Recorded on: 10.12.2019

11	**Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-ll (30 mm to 45 mm) with6 % VG-30 BitumenMORTH Specification No. 509(Sl No. 21.22.6, Page 164)**						
	Ragavendra Layout Main Road						
	0-15	1	15.00	(6.0+5.1)/2	0.03	2.50	
	15-30	1	15.00	(5.1+4.7)/2	0.03	2.21	
	30-45	1	15.00	(4.7+4.6)/2	0.03	2.09	
	45-60	1	15.00	(4.6+5.3)/2	0.03	2.23	
	60-75	1	15.00	(5.3+5.3)/2	0.03	2.39	
	75-90	1	15.00	(5.3+5.2)/2	0.03	2.36	

Contractor

Asst Engineer

Asst Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	90-105	1	15.00	(5.2+5.6)/2	0.03	2.43	
	105-120	1	15.00	(5.6+5.8)/2	0.03	2.57	
	120-135	1	15.00	(5.8+5.5)/2	0.03	2.54	
	135-150	1	15.00	(5.5+5.4)/2	0.03	2.45	
	150-165	1	15.00	(5.4+5.6)/2	0.03	2.48	
	165-180	1	15.00	(5.6+5.9)/2	0.03	2.59	
	180-195	1	15.00	(5.9+5.7)/2	0.03	2.61	
	195-210	1	15.00	(5.7+5.0)/2	0.03	2.41	
	210-225	1	15.00	(5.0+5.1)/2	0.03	2.27	
	225-240	1	15.00	(5.1+4.9)/2	0.03	2.25	
	240-255	1	15.00	(4.9+5.0)/2	0.03	2.23	
	255-270	1	15.00	(5.0+5.2)/2	0.03	2.30	
	270-285	1	15.00	(5.2+4.9)/2	0.03	2.27	
	285-300	1	15.00	(4.9+5.3)/2	0.03	2.30	
	300-315	1	15.00	(5.3+5.7)/2	0.03	2.48	
	315-330	1	15.00	(5.7+5.5)/2	0.03	2.52	
	330-345	1	15.00	(5.5+5.2)/2	0.03	2.42	
	345-360	1	15.00	(5.2+5.0)/2	0.03	2.30	
	360-375	1	15.00	(5.0+5.8)/2	0.03	2.43	
	375-390	1	15.00	(5.8+4.8)/2	0.03	2.39	
	390-405	1	15.00	(4.8+5.5)/2	0.03	2.32	
	405-420	1	15.00	(5.5+6.1)/2	0.03	2.61	
	420-435	1	15.00	(6.1+7.3)/2	0.03	3.02	
	435-450	1	15.00	(7.3+5.5)/2	0.03	2.88	
	450-465	1	15.00	(5.5+6.0)/2	0.03	2.59	
	465-480	1	15.00	(6.0+5.4)/2	0.03	2.57	
	480-495	1	15.00	(5.4+5.8)/2	0.03	2.52	
	495-510	1	15.00	(5.8+5.9)/2	0.03	2.63	
	510-525	1	15.00	(5.9+6.1)/2	0.03	2.70	
	525-540	1	15.00	(6.1+6.1)/2	0.03	2.75	
	540-555	1	15.00	(6.1+7.0)/2	0.03	2.95	
	555-570	1	15.00	(7.0+5.7)/2	0.03	2.86	
	570-585	1	15.00	(5.7+6.4)/2	0.03	2.72	

Contractor

Civil Tech Consultants & Engineers Banglore

Asst Engineer

Assistant Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	585-600	1	15.00	(6.4+5.0)/2	0.03	2.57	
	600-615	1	15.00	(5.0+5.6)/2	0.03	2.39	
	615-630	1	15.00	(5.6+6.1)/2	0.03	2.63	
	630-645	1	15.00	(6.1+5.7)/2	0.03	2.66	
	645-660	1	15.00	(5.7+5.9)/2	0.03	2.61	
	660-675	1	15.00	(5.9+4.9)/2	0.03	2.43	
	675-690	1	15.00	(4.9+5.7)/2	0.03	2.39	
	690-705	1	15.00	(5.7+7.4)/2	0.03	2.95	
	705-720	1	15.00	(7.4+5.7)/2	0.03	2.95	
	720-735	1	15.00	(5.7+6.0)/2	0.03	2.63	
	735-750	1	15.00	(6.0+6.0)/2	0.03	2.70	
	750-765	1	15.00	(6.0+6.4)/2	0.03	2.79	
	765-780	1	15.00	(6.4+5.6)/2	0.03	2.70	
	780-795	1	15.00	(5.6+6.0)/2	0.03	2.61	
	795-810	1	15.00	(6.0+6.0)/2	0.03	2.70	
	810-825	1	15.00	(6.0+6.6)/2	0.03	2.84	
	825-840	1	15.00	(6.6+5.3)/2	0.03	2.68	
	840-855	1	15.00	(5.3+5.2)/2	0.03	2.36	
	855-870	1	15.00	(5.2+5.6)/2	0.03	2.43	
	870-885	1	15.00	(5.6+5.0)/2	0.03	2.39	
	885-900	1	15.00	(5.0+5.5)/2	0.03	2.36	
	900-915	1	15.00	(5.5+6.0)/2	0.03	2.59	
	915-930	1	15.00	(6.0+6.3)/2	0.03	2.77	
	930-945	1	15.00	(6.3+6.3)/2	0.03	2.84	
	945-960	1	15.00	(6.3+6.6)/2	0.03	2.90	
	960-975	1	15.00	(6.6+5.5)/2	0.03	2.72	
	975-990	1	15.00	(5.5+5.5)/2	0.03	2.48	
	990-1005	1	15.00	(5.5+5.5)/2	0.03	2.48	
	1005-1020	1	15.00	(5.5+5.1)/2	0.03	2.39	
	1020-1035	1	15.00	(5.1+5.8)/2	0.03	2.45	
	1035-1050	1	15.00	(5.8+5.3)/2	0.03	2.50	
	1050-1065	1	15.00	(5.3+5.4)/2	0.03	2.41	
	1065-1080	1	15.00	(5.4+5.8)/2	0.03	2.52	

Contractor

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	1080-1095	1	15.00	(5.8+5.3)/2	0.03	2.50	
	1095-1110	1	15.00	(5.3+5.6)/2	0.03	2.45	
	1110-1125	1	15.00	(5.6+5.8)/2	0.03	2.57	
	1125-1140	1	15.00	(5.8+5.8)/2	0.03	2.61	
	1140-1158	1	18.00	(5.8+5.7)/2	0.03	3.11	
	Cross Road						
	0-15	1	15.00	(7.0+5.6)/2	0.04	3.78	
	15-30	1	15.00	(5.6+5.3)/2	0.04	3.27	
	30-45	1	15.00	(5.3+5.2)/2	0.04	3.15	
	45-60	1	15.00	(5.2+5.0)/2	0.04	3.06	
	60-75	1	15.00	(5.0+5.5)/2	0.04	3.15	
	75-90	1	15.00	(5.5+5.8)/2	0.04	3.39	
	90-105	1	15.00	(5.8+5.4)/2	0.04	3.36	
	105-120	1	15.00	(5.4+5.3)/2	0.04	3.21	
	120-139	1	19.00	(5.3+7.5)/2	0.04	4.86	
	Forest Road						
	0-15	1	15.00	(11.3+10.2)/2	0.04	6.45	
	15-30	1	15.00	(10.2+9.9)/2	0.04	6.03	
	30-60	1	30.00	(9.9+10.6)/2	0.04	12.30	
	60-90	1	30.00	(10.6+10.6)/2	0.04	12.72	
	90-120	1	30.00	(10.6+10.5)/2	0.04	12.66	
	120-150	1	30.00	(10.5+9.8)/2	0.04	12.18	
	150-180	1	30.00	(9.8+10.2)/2	0.04	12.00	
	180-210	1	30.00	(10.2+10.3)/2	0.04	12.30	
	210-240	1	30.00	(10.3+9.8)/2	0.04	12.06	
	240-270	1	30.00	(9.8+10.1)/2	0.04	11.94	
	270-300	1	30.00	(10.1+10.1)/2	0.04	12.12	
	300-330	1	30.00	(10.1+9.8)/2	0.04	11.94	
	330-360	1	30.00	(9.8+9.9)/2	0.04	11.82	
	360-390	1	30.00	(9.9+9.9)/2	0.04	11.88	
	390-420	1	30.00	(9.9+9.8)/2	0.04	11.82	
	420-450	1	30.00	(9.8+10.1)/2	0.04	11.94	
	450-480	1	30.00	(10.1+10.3)/2	0.04	12.24	

Asst Engineer

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	480-510	1	30.00	(10.3+10.5)/2	0.04	12.48	
	510-540	1	30.00	(10.5+10.1)/2	0.04	12.36	
	540-570	1	30.00	(10.1+10.5)/2	0.04	12.36	
	570-600	1	30.00	(10.5+10.8)/2	0.04	12.78	
	600-630	1	30.00	(10.8+10.8)/2	0.04	12.96	
	630-660	1	30.00	(10.8+11.0)/2	0.04	13.08	
	660-690	1	30.00	(11.0+11.0)/2	0.04	13.20	
	690-720	1	30.00	(11.1+10.6)/2	0.04	13.02	
	720-750	1	30.00	(10.6+10.7)/2	0.04	12.78	
	750-780	1	30.00	(10.7+10.5)/2	0.04	12.72	
	780-810	1	30.00	(10.5+10.4)/2	0.04	12.54	
	810-840	1	30.00	(10.4+10.3)/2	0.04	12.42	
	840-870	1	30.00	(10.3+10.0)/2	0.04	12.18	
	870-900	1	30.00	(10.0+10.3)/2	0.04	12.18	
	900-930	1	30.00	(10.3+10.1)/2	0.04	12.24	
	930-960	1	30.00	(10.1+10.2)/2	0.04	12.18	
	960-990	1	30.00	(10.2+10.4)/2	0.04	12.36	
	990-1020	1	30.00	(10.4+10.8)/2	0.04	12.72	
	1020-1050	1	30.00	(10.8+11.10)/2	0.04	13.14	
	1050-1080	1	30.00	(11.10+10.8)/2	0.04	13.14	
	1080-1110	1	30.00	(10.8+11.1)/2	0.04	13.14	
	1110-1140	1	30.00	(11.1+10.1)/2	0.04	12.72	
	1140-1170	1	30.00	(10.1+11.8)/2	0.04	13.14	
	1170-1200	1	30.00	(11.8+10.4)/2	0.04	13.32	
	1200-1230	1	30.00	(10.4+10.1)/2	0.04	12.30	
	1230-1260	1	30.00	(10.1+15.3)/2	0.04	15.24	
	1260-1290	1	30.00	(15.3+14.7)/2	0.04	18.00	
	1290-1303	1	13.00	(14.7+15.5)/2	0.04	7.85	
						780.25	
					Total	780.25	
					BOQ QTY	732.68	Cum
					UP TO 125% QTY	47.35	Cum
					LIMIT	780.03	

Contractor

Asst Engineer

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
12	**Add Plastic to Bituminous Concrete 8% of Bitumen**						
	Qty vide Item NO.11					780.03	
	8% of the (780.25*0.08)=66.20*141 kg					8798.74	
					Total	8798.74	
					Limit	8798.74	kg

Measurement Recorded on: 12.12.2019

13	**Road marking with Hot Applied Thermoplastic Compound with reflectorising glass beads on bituminous surface:- Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads at 250 gms per sqm area,thickness of 2.5mm is exclusive of surface applied glass beads as per IRC 35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 Page no- 181., It-24.15 of KPWD S.R 2016-17**						
	Ragavendra Layout Main Road						
	0-15	2	15.00	0.15		4.50	
	15-30	2	15.00	0.15		4.50	
	30-45	2	15.00	0.15		4.50	
	45-60	2	15.00	0.15		4.50	
	60-75	2	15.00	0.15		4.50	
	75-90	2	15.00	0.15		4.50	
	90-105	2	15.00	0.15		4.50	
	105-120	2	15.00	0.15		4.50	
	120-135	2	15.00	0.15		4.50	
	135-150	2	15.00	0.15		4.50	
	150-165	2	15.00	0.15		4.50	
	165-180	2	15.00	0.15		4.50	
	180-195	2	15.00	0.15		4.50	
	195-210	2	15.00	0.15		4.50	
	210-225	2	15.00	0.15		4.50	
	225-240	2	15.00	0.15		4.50	

Contractor

Asst Engineer

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	240-255	2	15.00	0.15		4.50	
	255-270	2	15.00	0.15		4.50	
	270-285	2	15.00	0.15		4.50	
	285-300	2	15.00	0.15		4.50	
	300-315	2	15.00	0.15		4.50	
	315-330	2	15.00	0.15		4.50	
	330-345	2	15.00	0.15		4.50	
	345-360	2	15.00	0.15		4.50	
	360-375	2	15.00	0.15		4.50	
	375-390	2	15.00	0.15		4.50	
	390-405	2	15.00	0.15		4.50	
	405-420	2	15.00	0.15		4.50	
	420-435	2	15.00	0.15		4.50	
	435-450	2	15.00	0.15		4.50	
	450-465	2	15.00	0.15		4.50	
	465-480	2	15.00	0.15		4.50	
	480-495	2	15.00	0.15		4.50	
	495-510	2	15.00	0.15		4.50	
	510-525	2	15.00	0.15		4.50	
	525-540	2	15.00	0.15		4.50	
	540-555	2	15.00	0.15		4.50	
	555-570	2	15.00	0.15		4.50	
	570-585	2	15.00	0.15		4.50	
	585-600	2	15.00	0.15		4.50	
	600-615	2	15.00	0.15		4.50	
	615-630	2	15.00	0.15		4.50	
	630-645	2	15.00	0.15		4.50	
	645-660	2	15.00	0.15		4.50	
	660-675	2	15.00	0.15		4.50	
	675-690	2	15.00	0.15		4.50	
	690-705	2	15.00	0.15		4.50	
	705-720	2	15.00	0.15		4.50	

Contractor

Asst Engineer

Asst Executive Engineer

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	720-735	2	15.00	0.15		4.50	
	735-750	2	15.00	0.15		4.50	
	750-765	2	15.00	0.15		4.50	
	765-780	2	15.00	0.15		4.50	
	780-795	2	15.00	0.15		4.50	
	795-810	2	15.00	0.15		4.50	
	810-825	2	15.00	0.15		4.50	
	825-840	2	15.00	0.15		4.50	
	840-855	2	15.00	0.15		4.50	
	855-870	2	15.00	0.15		4.50	
	870-885	2	15.00	0.15		4.50	
	885-900	2	15.00	0.15		4.50	
	900-915	2	15.00	0.15		4.50	
	915-930	2	15.00	0.15		4.50	
	930-945	2	15.00	0.15		4.50	
	945-960	2	15.00	0.15		4.50	
	960-975	2	15.00	0.15		4.50	
	975-990	2	15.00	0.15		4.50	
	990-1005	2	15.00	0.15		4.50	
	1005-1020	2	15.00	0.15		4.50	
	Cross Road						
	0-15	2	15.00	0.10		3.00	
	15-30	2	15.00	0.10		3.00	
	30-45	2	15.00	0.10		3.00	
	45-60	2	15.00	0.10		3.00	
	60-75	2	15.00	0.10		3.00	
	75-90	2	15.00	0.10		3.00	
	90-105	2	15.00	0.10		3.00	
	105-120	2	15.00	0.10		3.00	
	120-139	2	19.00	0.10		3.80	
	For Centre Line Marking						
		262	3.00	0.15		117.90	

Contractor

Asst Engineer

Asst Executive Engineer

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Forest Road						
	0-15	3	15.00	0.15		6.75	
	15-30	3	15.00	0.15		6.75	
	30-60	3	30.00	0.15		13.50	
	60-90	3	30.00	0.15		13.50	
	90-120	3	30.00	0.15		13.50	
	120-150	3	30.00	0.15		13.50	
	150-180	3	30.00	0.15		13.50	
	180-210	3	30.00	0.15		13.50	
	210-240	3	30.00	0.15		13.50	
	240-270	3	30.00	0.15		13.50	
	270-300	3	30.00	0.15		13.50	
	300-330	3	30.00	0.15		13.50	
	330-360	3	30.00	0.15		13.50	
	360-390	3	30.00	0.15		13.50	
	390-420	3	30.00	0.15		13.50	
	420-450	3	30.00	0.15		13.50	
	450-480	3	30.00	0.15		13.50	
	480-510	3	30.00	0.15		13.50	
	510-540	3	30.00	0.15		13.50	
	540-570	3	30.00	0.15		13.50	
	570-600	3	30.00	0.15		13.50	
	600-630	3	30.00	0.15		13.50	
	630-660	3	30.00	0.15		13.50	
	660-690	3	30.00	0.15		13.50	
	690-720	3	30.00	0.15		13.50	
	720-750	3	30.00	0.15		13.50	
	750-780	3	30.00	0.15		13.50	
	780-810	3	30.00	0.15		13.50	
	810-840	3	30.00	0.15		13.50	
	840-870	3	30.00	0.15		13.50	

Contractor

Asst Engineer

Executive Engineer

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	870-900	3	30.00	0.15		13.50	
	900-930	3	30.00	0.15		13.50	
	930-960	3	30.00	0.15		13.50	
	960-990	3	30.00	0.15		13.50	
	990-1020	3	30.00	0.15		13.50	
	1020-1050	3	30.00	0.15		13.50	
	1050-1080	3	30.00	0.15		13.50	
	1080-1110	3	30.00	0.15		13.50	
	1110-1140	3	30.00	0.15		13.50	
	1140-1170	3	30.00	0.15		13.50	
	1170-1200	3	30.00	0.15		13.50	
	1200-1230	3	30.00	0.15		13.50	
	1230-1260	3	30.00	0.15		13.50	
	1260-1290	3	30.00	0.15		13.50	
	1290-1303	3	13.00	0.15		5.85	
					Total	**1038.05**	
					Limit	**1035.15**	**Sqm**

Measurement Recorded on:

14	**KSRRB M800-35. Providing and fixing of road stud 100x 100 mm, die-cast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling hole 30 mm upto a depth of 60 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per BS: 873 part 4:1973 complete as per specifications**	Nos					
					Total	**0.00**	
					Limit	**0.00**	**Nos**

Measurement Recorded on:

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
15	Refixing B.S. slab of Drain and pointing in C.M (1:3) (Page No.25., I NO.5.33 of KPWD S.R 2016-17)						
					Total	0.00	
					Limit	0.00	Sqm

Measurement Recorded on:

16	Providing Granite Slabs of Selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc.., Complete(Page No.25., I.No.5.31 of KPWD S.R 2016-17)						
						0.00	
					Total	0.00	
					Limit	0.00	Sqm

Measurement Recorded on:

17	Lead charges for conveying the Exacavated earth including loading and unloading upto 10kms as per directions.						
	Qty Vide Item No.2						
					Total	3172.21	
					Limit	2667.30	Cum
	Extra Item						

Measurement Recorded on: 13.09.2019

18	Stone Dust/Grit 4.75mm to 0.075mm KSRRB M100-1 Loading and unloading of Stone Boulder/Stone aggregates/ Sand/kanker/Moorum. KPWD SR2016-17 Page No.140						
	Ragavendra Layout Main Road						
	Water Supply and Sanatory road Cutting						

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	0-15	2	15.00	1.20	0.15	5.40	
	15-30	2	15.00	1.20	0.15	5.40	
	30-45	2	15.00	1.20	0.15	5.40	
	45-60	2	15.00	1.20	0.15	5.40	
	60-75	2	15.00	1.20	0.15	5.40	
	75-90	2	15.00	1.20	0.15	5.40	
	90-105	2	15.00	1.20	0.15	5.40	
	105-120	2	15.00	1.20	0.15	5.40	
	120-135	2	15.00	1.20	0.15	5.40	
	135-150	2	15.00	1.20	0.15	5.40	
	150-165	2	15.00	1.20	0.15	5.40	
	165-180	2	15.00	1.20	0.15	5.40	
	180-195	2	15.00	1.20	0.15	5.40	
	195-210	2	15.00	1.20	0.15	5.40	
	210-225	2	15.00	1.20	0.15	5.40	
	225-240	2	15.00	1.20	0.15	5.40	
	240-255	2	15.00	1.20	0.15	5.40	
	255-270	2	15.00	1.20	0.15	5.40	
	270-285	2	15.00	1.20	0.15	5.40	
	285-300	2	15.00	1.20	0.15	5.40	
	300-315	2	15.00	1.20	0.15	5.40	
	315-330	2	15.00	1.20	0.15	5.40	
	330-345	2	15.00	1.20	0.15	5.40	
	345-360	2	15.00	1.20	0.15	5.40	
	360-375	2	15.00	1.20	0.15	5.40	
	375-390	2	15.00	1.20	0.15	5.40	
	390-405	2	15.00	1.20	0.15	5.40	
	405-420	2	15.00	1.20	0.15	5.40	
	420-435	2	15.00	1.20	0.15	5.40	
	435-450	2	15.00	1.20	0.15	5.40	
	450-465	2	15.00	1.20	0.15	5.40	
	465-480	2	15.00	1.20	0.15	5.40	
	480-495	2	15.00	1.20	0.15	5.40	

Contractor

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	495-510	2	15.00	1.20	0.15	5.40	
	510-525	2	15.00	1.20	0.15	5.40	
	525-540	2	15.00	1.20	0.15	5.40	
	540-555	2	15.00	1.20	0.15	5.40	
	555-570	2	15.00	1.20	0.15	5.40	
	570-585	2	15.00	1.20	0.15	5.40	
	585-600	2	15.00	1.20	0.15	5.40	
	600-615	2	15.00	1.20	0.15	5.40	
	615-630	2	15.00	1.20	0.15	5.40	
	630-645	2	15.00	1.20	0.15	5.40	
	645-660	2	15.00	1.20	0.15	5.40	
	660-675	2	15.00	1.20	0.15	5.40	
	675-690	2	15.00	1.20	0.15	5.40	
	690-705	2	15.00	1.20	0.15	5.40	
	705-720	2	15.00	1.20	0.15	5.40	
	720-735	2	15.00	1.20	0.15	5.40	
	735-750	2	15.00	1.20	0.15	5.40	
	750-765	2	15.00	1.20	0.15	5.40	
	765-780	2	15.00	1.20	0.15	5.40	
	780-795	2	15.00	1.20	0.15	5.40	
	795-810	2	15.00	1.20	0.15	5.40	
	810-825	2	15.00	1.20	0.15	5.40	
	825-840	2	15.00	1.20	0.15	5.40	
	840-855	2	15.00	1.20	0.15	5.40	
	855-870	2	15.00	1.20	0.15	5.40	
	870-885	2	15.00	1.20	0.15	5.40	
	885-900	2	15.00	1.20	0.15	5.40	
	900-915	2	15.00	1.20	0.15	5.40	
	915-930	2	15.00	1.20	0.15	5.40	
	930-945	2	15.00	1.20	0.15	5.40	
	945-960	2	15.00	1.20	0.15	5.40	
	960-975	2	15.00	1.20	0.15	5.40	
	975-990	2	15.00	1.20	0.15	5.40	

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	990-1005	2	15.00	1.20	0.15	5.40	
	1005-1020	2	15.00	1.20	0.15	5.40	
	1020-1035	2	15.00	1.20	0.15	5.40	
	1035-1050	2	15.00	1.20	0.15	5.40	
	1050-1065	2	15.00	1.20	0.15	5.40	
	Forest Road						
	Water Supply and Sanatory road Cutting						
	0-15	2	15.00	1.20	0.15	5.40	
	15-30	2	15.00	1.20	0.15	5.40	
	30-60	2	30.00	1.20	0.15	10.80	
	60-90	2	30.00	1.20	0.15	10.80	
	90-120	2	30.00	1.20	0.15	10.80	
	120-150	2	30.00	1.20	0.15	10.80	
	150-180	2	30.00	1.20	0.15	10.80	
	180-210	2	30.00	1.20	0.15	10.80	
	210-240	2	30.00	1.20	0.15	10.80	
	240-270	2	30.00	1.20	0.15	10.80	
	270-300	2	30.00	1.20	0.15	10.80	
	300-330	2	30.00	1.20	0.15	10.80	
	330-360	2	30.00	1.20	0.15	10.80	
	360-390	2	30.00	1.20	0.15	10.80	
	390-420	2	30.00	1.20	0.15	10.80	
	420-450	2	30.00	1.20	0.15	10.80	
	450-480	2	30.00	1.20	0.15	10.80	
	480-510	2	30.00	1.20	0.15	10.80	
	510-540	2	30.00	1.20	0.15	10.80	
	540-570	2	30.00	1.20	0.15	10.80	
	570-600	2	30.00	1.20	0.15	10.80	
	600-630	2	30.00	1.20	0.15	10.80	
	630-660	2	30.00	1.20	0.15	10.80	
	660-690	2	30.00	1.20	0.15	10.80	
	690-720	2	30.00	1.20	0.15	10.80	
	720-750	2	30.00	1.20	0.15	10.80	

Contractor

Asst Engineer

Asst Executive Engineer

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	495-510	2	15.00	1.20	0.15	5.40	
	510-525	2	15.00	1.20	0.15	5.40	
	525-540	2	15.00	1.20	0.15	5.40	
	540-555	2	15.00	1.20	0.15	5.40	
	555-570	2	15.00	1.20	0.15	5.40	
	570-585	2	15.00	1.20	0.15	5.40	
	585-600	2	15.00	1.20	0.15	5.40	
	600-615	2	15.00	1.20	0.15	5.40	
	615-630	2	15.00	1.20	0.15	5.40	
	630-645	2	15.00	1.20	0.15	5.40	
	645-660	2	15.00	1.20	0.15	5.40	
	660-675	2	15.00	1.20	0.15	5.40	
	675-690	2	15.00	1.20	0.15	5.40	
	690-705	2	15.00	1.20	0.15	5.40	
	705-720	2	15.00	1.20	0.15	5.40	
	720-735	2	15.00	1.20	0.15	5.40	
	735-750	2	15.00	1.20	0.15	5.40	
	750-765	2	15.00	1.20	0.15	5.40	
	765-780	2	15.00	1.20	0.15	5.40	
	780-795	2	15.00	1.20	0.15	5.40	
	795-810	2	15.00	1.20	0.15	5.40	
	810-825	2	15.00	1.20	0.15	5.40	
	825-840	2	15.00	1.20	0.15	5.40	
	840-855	2	15.00	1.20	0.15	5.40	
	855-870	2	15.00	1.20	0.15	5.40	
	870-885	2	15.00	1.20	0.15	5.40	
	885-900	2	15.00	1.20	0.15	5.40	
	900-915	2	15.00	1.20	0.15	5.40	
	915-930	2	15.00	1.20	0.15	5.40	
	930-945	2	15.00	1.20	0.15	5.40	
	945-960	2	15.00	1.20	0.15	5.40	
	960-975	2	15.00	1.20	0.15	5.40	
	975-990	2	15.00	1.20	0.15	5.40	

Civil Tech Consultants & Engineers Bangalore

Asst Engineer

Asst Executive Engineer

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	990-1005	2	15.00	1.20	0.15	5.40	
	1005-1020	2	15.00	1.20	0.15	5.40	
	1020-1035	2	15.00	1.20	0.15	5.40	
	1035-1050	2	15.00	1.20	0.15	5.40	
	1050-1065	2	15.00	1.20	0.15	5.40	
	Forest Road						
	Water Supply and Sanatory road Cutting						
	0-15	2	15.00	1.20	0.15	5.40	
	15-30	2	15.00	1.20	0.15	5.40	
	30-60	2	30.00	1.20	0.15	10.80	
	60-90	2	30.00	1.20	0.15	10.80	
	90-120	2	30.00	1.20	0.15	10.80	
	120-150	2	30.00	1.20	0.15	10.80	
	150-180	2	30.00	1.20	0.15	10.80	
	180-210	2	30.00	1.20	0.15	10.80	
	210-240	2	30.00	1.20	0.15	10.80	
	240-270	2	30.00	1.20	0.15	10.80	
	270-300	2	30.00	1.20	0.15	10.80	
	300-330	2	30.00	1.20	0.15	10.80	
	330-360	2	30.00	1.20	0.15	10.80	
	360-390	2	30.00	1.20	0.15	10.80	
	390-420	2	30.00	1.20	0.15	10.80	
	420-450	2	30.00	1.20	0.15	10.80	
	450-480	2	30.00	1.20	0.15	10.80	
	480-510	2	30.00	1.20	0.15	10.80	
	510-540	2	30.00	1.20	0.15	10.80	
	540-570	2	30.00	1.20	0.15	10.80	
	570-600	2	30.00	1.20	0.15	10.80	
	600-630	2	30.00	1.20	0.15	10.80	
	630-660	2	30.00	1.20	0.15	10.80	
	660-690	2	30.00	1.20	0.15	10.80	
	690-720	2	30.00	1.20	0.15	10.80	
	720-750	2	30.00	1.20	0.15	10.80	

Civil Tech Consultants & Engineers Bangalore

Asst Engineer

Asst Executive Engineer

Scanned by CamScanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	750-780	2	30.00	1.20	0.15	10.80	
	780-810	2	30.00	1.20	0.15	10.80	
	810-840	2	30.00	1.20	0.15	10.80	
	840-870	2	30.00	1.20	0.15	10.80	
	870-900	2	30.00	1.20	0.15	10.80	
	900-930	2	30.00	1.20	0.15	10.80	
	930-960	2	30.00	1.20	0.15	10.80	
	960-990	2	30.00	1.20	0.15	10.80	
	990-1020	2	30.00	1.20	0.15	10.80	
	1020-1050	2	30.00	1.20	0.15	10.80	
	1050-1080	2	30.00	1.20	0.15	10.80	
	1080-1110	2	30.00	1.20	0.15	10.80	
	1110-1140	2	30.00	1.20	0.15	10.80	
	1140-1170	2	30.00	1.20	0.15	10.80	
	1170-1200	2	30.00	1.20	0.15	10.80	
	1200-1230	2	30.00	1.20	0.15	10.80	
	1230-1260	2	30.00	1.20	0.15	10.80	
	1260-1290	2	30.00	1.20	0.15	10.80	
	1290-1303	2	13.00	1.20	0.15	4.68	
						852.48	
					Total	852.48	
					Limit	643.32	Sqm

Contractor

Civil-Tech Consultants & Engineers

Asst Engineer

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Asst Executive Engineer

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